Appendix B.2

LTE Band 4

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1. Effective (Isotropic) Radiated Power Output Data

1.1 B4_1.4MHz_EIRP

1.1.1 Test Result

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	22.80	2.7	25.5	<=30	Pass
			2	22.82	2.7	25.52	<=30	Pass
			5	22.79	2.7	25.49	<=30	Pass
		3	0	22.87	2.7	25.57	<=30	Pass
			2	22.94	2.7	25.64	<=30	Pass
			3	22.81	2.7	25.51	<=30	Pass
		6	0	21.89	2.7	24.59	<=30	Pass
	1732.5	1	0	22.87	2.7	25.57	<=30	Pass
			2	22.94	2.7	25.64	<=30	Pass
			5	22.91	2.7	25.61	<=30	Pass
		3	0	22.95	2.7	25.65	<=30	Pass
			2	22.98	2.7	25.68	<=30	Pass
			3	22.95	2.7	25.65	<=30	Pass
		6	0	21.97	2.7	24.67	<=30	Pass
	1754.3	1	0	22.75	2.7	25.45	<=30	Pass
			2	22.88	2.7	25.58	<=30	Pass
			5	22.77	2.7	25.47	<=30	Pass
		3	0	22.71	2.7	25.41	<=30	Pass
			2	22.82	2.7	25.52	<=30	Pass
			3	22.77	2.7	25.47	<=30	Pass
		6	0	21.82	2.7	24.52	<=30	Pass
16QAM	1710.7	1	0	21.94	2.7	24.64	<=30	Pass
			2	21.97	2.7	24.67	<=30	Pass
			5	21.94	2.7	24.64	<=30	Pass
		3	0	22.08	2.7	24.78	<=30	Pass
			2	22.16	2.7	24.86	<=30	Pass
			3	22.12	2.7	24.82	<=30	Pass
		6	0	20.99	2.7	23.69	<=30	Pass
	1732.5	1	0	22.18	2.7	24.88	<=30	Pass
			2	22.30	2.7	25	<=30	Pass
			5	22.22	2.7	24.92	<=30	Pass
		3	0	21.98	2.7	24.68	<=30	Pass
			2	22.08	2.7	24.78	<=30	Pass
			3	22.05	2.7	24.75	<=30	Pass
		6	0	21.04	2.7	23.74	<=30	Pass
	1754.3	1	0	21.87	2.7	24.57	<=30	Pass
			2	22.04	2.7	24.74	<=30	Pass

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			5	22.00	2.7	24.7	<=30	Pass
		3	0	21.89	2.7	24.59	<=30	Pass
			2	21.94	2.7	24.64	<=30	Pass
			3	21.91	2.7	24.61	<=30	Pass
		6	0	20.80	2.7	23.5	<=30	Pass
64QAM	1710.7	1	0	21.25	2.7	23.95	<=30	Pass
			2	21.31	2.7	24.01	<=30	Pass
			5	21.22	2.7	23.92	<=30	Pass
		3	0	21.25	2.7	23.95	<=30	Pass
			2	21.28	2.7	23.98	<=30	Pass
			3	21.34	2.7	24.04	<=30	Pass
		6	0	20.31	2.7	23.01	<=30	Pass
	1732.5	1	0	21.34	2.7	24.04	<=30	Pass
			2	21.34	2.7	24.04	<=30	Pass
			5	21.35	2.7	24.05	<=30	Pass
		3	0	21.35	2.7	24.05	<=30	Pass
			2	21.34	2.7	24.04	<=30	Pass
			3	21.35	2.7	24.05	<=30	Pass
		6	0	21.36	2.7	24.06	<=30	Pass
	1754.3	1	0	21.20	2.7	23.9	<=30	Pass
			2	21.18	2.7	23.88	<=30	Pass
			5	21.20	2.7	23.9	<=30	Pass
		3	0	21.21	2.7	23.91	<=30	Pass
			2	21.21	2.7	23.91	<=30	Pass
			3	21.22	2.7	23.92	<=30	Pass
		6	0	21.19	2.7	23.89	<=30	Pass
256QAM	1710.7	1	0	18.59	2.7	21.29	<=30	Pass
			2	18.69	2.7	21.39	<=30	Pass
			5	18.63	2.7	21.33	<=30	Pass
		3	0	18.49	2.7	21.19	<=30	Pass
			2	18.47	2.7	21.17	<=30	Pass
			3	18.50	2.7	21.2	<=30	Pass
		6	0	18.37	2.7	21.07	<=30	Pass
	1732.5	1	0	18.73	2.7	21.43	<=30	Pass
			2	18.76	2.7	21.46	<=30	Pass
			5	18.66	2.7	21.36	<=30	Pass
		3	0	18.53	2.7	21.23	<=30	Pass
			2	18.50	2.7	21.2	<=30	Pass
			3	18.54	2.7	21.24	<=30	Pass
		6	0	18.42	2.7	21.12	<=30	Pass
	1754.3	1	0	18.41	2.7	21.11	<=30	Pass
			2	18.50	2.7	21.2	<=30	Pass
			5	18.42	2.7	21.12	<=30	Pass
		3	0	18.26	2.7	20.96	<=30	Pass
			2	18.35	2.7	21.05	<=30	Pass
			3	18.28	2.7	20.98	<=30	Pass
		6	0	18.12	2.7	20.82	<=30	Pass

Note1: EIRP=Conducted Power+Antenna Gain

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1.2 B4_3MHz_EIRP

1.2.1 Test Result

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	22.95	2.7	25.65	<=30	Pass
			7	22.83	2.7	25.53	<=30	Pass
			14	22.89	2.7	25.59	<=30	Pass
		8	0	22.00	2.7	24.7	<=30	Pass
			4	22.03	2.7	24.73	<=30	Pass
			7	21.97	2.7	24.67	<=30	Pass
		15	0	21.98	2.7	24.68	<=30	Pass
	1732.5	1	0	23.04	2.7	25.74	<=30	Pass
			7	23.02	2.7	25.72	<=30	Pass
			14	23.01	2.7	25.71	<=30	Pass
		8	0	22.05	2.7	24.75	<=30	Pass
			4	22.04	2.7	24.74	<=30	Pass
			7	21.95	2.7	24.65	<=30	Pass
		15	0	22.00	2.7	24.7	<=30	Pass
	1753.5	1	0	22.85	2.7	25.55	<=30	Pass
			7	22.79	2.7	25.49	<=30	Pass
			14	22.86	2.7	25.56	<=30	Pass
		8	0	21.90	2.7	24.6	<=30	Pass
			4	21.93	2.7	24.63	<=30	Pass
			7	21.92	2.7	24.62	<=30	Pass
		15	0	21.88	2.7	24.58	<=30	Pass
16QAM	1711.5	1	0	22.61	2.7	25.31	<=30	Pass
			7	22.51	2.7	25.21	<=30	Pass
			14	22.49	2.7	25.19	<=30	Pass
		8	0	21.17	2.7	23.87	<=30	Pass
			4	21.18	2.7	23.88	<=30	Pass
			7	21.14	2.7	23.84	<=30	Pass
		15	0	21.08	2.7	23.78	<=30	Pass
	1732.5	1	0	22.16	2.7	24.86	<=30	Pass
			7	22.13	2.7	24.83	<=30	Pass
			14	22.10	2.7	24.8	<=30	Pass
		8	0	21.11	2.7	23.81	<=30	Pass
			4	21.06	2.7	23.76	<=30	Pass
			7	21.01	2.7	23.71	<=30	Pass
		15	0	21.00	2.7	23.7	<=30	Pass
	1753.5	1	0	21.92	2.7	24.62	<=30	Pass
			7	21.99	2.7	24.69	<=30	Pass
			14	21.91	2.7	24.61	<=30	Pass

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		8	0	20.95	2.7	23.65	<=30	Pass
			4	20.97	2.7	23.67	<=30	Pass
			7	20.93	2.7	23.63	<=30	Pass
		15	0	20.98	2.7	23.68	<=30	Pass
64QAM	1711.5	1	0	21.68	2.7	24.38	<=30	Pass
			7	21.71	2.7	24.41	<=30	Pass
			14	21.73	2.7	24.43	<=30	Pass
		8	0	21.70	2.7	24.4	<=30	Pass
			4	21.70	2.7	24.4	<=30	Pass
			7	21.72	2.7	24.42	<=30	Pass
		15	0	21.70	2.7	24.4	<=30	Pass
	1732.5	1	0	21.40	2.7	24.1	<=30	Pass
			7	21.39	2.7	24.09	<=30	Pass
			14	21.41	2.7	24.11	<=30	Pass
		8	0	21.41	2.7	24.11	<=30	Pass
			4	21.42	2.7	24.12	<=30	Pass
			7	21.41	2.7	24.11	<=30	Pass
		15	0	21.42	2.7	24.12	<=30	Pass
	1753.5	1	0	21.20	2.7	23.9	<=30	Pass
			7	21.21	2.7	23.91	<=30	Pass
			14	21.19	2.7	23.89	<=30	Pass
		8	0	21.19	2.7	23.89	<=30	Pass
			4	21.24	2.7	23.94	<=30	Pass
			7	21.19	2.7	23.89	<=30	Pass
		15	0	21.23	2.7	23.93	<=30	Pass
256QAM	1711.5	1	0	18.47	2.7	21.17	<=30	Pass
			7	18.50	2.7	21.2	<=30	Pass
			14	18.40	2.7	21.1	<=30	Pass
		8	0	18.43	2.7	21.13	<=30	Pass
			4	18.46	2.7	21.16	<=30	Pass
			7	18.42	2.7	21.12	<=30	Pass
		15	0	18.37	2.7	21.07	<=30	Pass
	1732.5	1	0	18.60	2.7	21.3	<=30	Pass
			7	18.56	2.7	21.26	<=30	Pass
			14	18.43	2.7	21.13	<=30	Pass
		8	0	18.48	2.7	21.18	<=30	Pass
			4	18.44	2.7	21.14	<=30	Pass
			7	18.41	2.7	21.11	<=30	Pass
		15	0	18.34	2.7	21.04	<=30	Pass
	1753.5	1	0	18.48	2.7	21.18	<=30	Pass
			7	18.38	2.7	21.08	<=30	Pass
			14	18.40	2.7	21.1	<=30	Pass
		8	0	18.30	2.7	21	<=30	Pass
			4	18.32	2.7	21.02	<=30	Pass
			7	18.33	2.7	21.03	<=30	Pass
		15	0	18.27	2.7	20.97	<=30	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

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1.3 B4_5MHz_EIRP

1.3.1 Test Result

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	22.97	2.7	25.67	<=30	Pass
			13	22.99	2.7	25.69	<=30	Pass
			24	22.93	2.7	25.63	<=30	Pass
		12	0	22.04	2.7	24.74	<=30	Pass
			6	22.04	2.7	24.74	<=30	Pass
			13	22.01	2.7	24.71	<=30	Pass
		25	0	22.00	2.7	24.7	<=30	Pass
	1732.5	1	0	23.03	2.7	25.73	<=30	Pass
			13	23.07	2.7	25.77	<=30	Pass
			24	23.01	2.7	25.71	<=30	Pass
		12	0	22.08	2.7	24.78	<=30	Pass
			6	22.03	2.7	24.73	<=30	Pass
			13	21.99	2.7	24.69	<=30	Pass
		25	0	22.01	2.7	24.71	<=30	Pass
	1752.5	1	0	22.89	2.7	25.59	<=30	Pass
			13	22.86	2.7	25.56	<=30	Pass
			24	22.91	2.7	25.61	<=30	Pass
		12	0	21.88	2.7	24.58	<=30	Pass
			6	21.94	2.7	24.64	<=30	Pass
			13	21.95	2.7	24.65	<=30	Pass
		25	0	21.88	2.7	24.58	<=30	Pass
16QAM	1712.5	1	0	21.97	2.7	24.67	<=30	Pass
			13	21.94	2.7	24.64	<=30	Pass
			24	21.91	2.7	24.61	<=30	Pass
		12	0	21.06	2.7	23.76	<=30	Pass
			6	21.04	2.7	23.74	<=30	Pass
			13	21.04	2.7	23.74	<=30	Pass
		25	0	21.07	2.7	23.77	<=30	Pass
	1732.5	1	0	22.32	2.7	25.02	<=30	Pass
			13	22.34	2.7	25.04	<=30	Pass
			24	22.26	2.7	24.96	<=30	Pass
		12	0	21.14	2.7	23.84	<=30	Pass
			6	21.06	2.7	23.76	<=30	Pass
			13	21.06	2.7	23.76	<=30	Pass
		25	0	21.03	2.7	23.73	<=30	Pass
	1752.5	1	0	22.04	2.7	24.74	<=30	Pass
			13	22.11	2.7	24.81	<=30	Pass
			24	22.11	2.7	24.81	<=30	Pass
		12	0	20.91	2.7	23.61	<=30	Pass
			6	20.91	2.7	23.61	<=30	Pass

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			13	20.92	2.7	23.62	<=30	Pass
		25	0	20.97	2.7	23.67	<=30	Pass
64QAM	1712.5	1	0	21.57	2.7	24.27	<=30	Pass
			13	21.56	2.7	24.26	<=30	Pass
			24	21.56	2.7	24.26	<=30	Pass
		12	0	21.58	2.7	24.28	<=30	Pass
			6	21.59	2.7	24.29	<=30	Pass
			13	21.59	2.7	24.29	<=30	Pass
		25	0	21.60	2.7	24.3	<=30	Pass
	1732.5	1	0	21.54	2.7	24.24	<=30	Pass
			13	21.48	2.7	24.18	<=30	Pass
			24	21.50	2.7	24.2	<=30	Pass
		12	0	21.48	2.7	24.18	<=30	Pass
			6	21.48	2.7	24.18	<=30	Pass
			13	21.49	2.7	24.19	<=30	Pass
		25	0	21.50	2.7	24.2	<=30	Pass
	1752.5	1	0	21.97	2.7	24.67	<=30	Pass
			13	21.91	2.7	24.61	<=30	Pass
			24	21.94	2.7	24.64	<=30	Pass
		12	0	21.91	2.7	24.61	<=30	Pass
			6	21.91	2.7	24.61	<=30	Pass
			13	21.93	2.7	24.63	<=30	Pass
		25	0	21.93	2.7	24.63	<=30	Pass
256QAM	1712.5	1	0	18.66	2.7	21.36	<=30	Pass
			13	18.68	2.7	21.38	<=30	Pass
			24	18.75	2.7	21.45	<=30	Pass
		12	0	18.38	2.7	21.08	<=30	Pass
			6	18.37	2.7	21.07	<=30	Pass
			13	18.40	2.7	21.1	<=30	Pass
		25	0	18.33	2.7	21.03	<=30	Pass
	1732.5	1	0	18.26	2.7	20.96	<=30	Pass
			13	18.23	2.7	20.93	<=30	Pass
			24	18.09	2.7	20.79	<=30	Pass
		12	0	18.34	2.7	21.04	<=30	Pass
			6	18.25	2.7	20.95	<=30	Pass
			13	18.20	2.7	20.9	<=30	Pass
		25	0	18.33	2.7	21.03	<=30	Pass
	1752.5	1	0	18.38	2.7	21.08	<=30	Pass
			13	18.46	2.7	21.16	<=30	Pass
			24	18.41	2.7	21.11	<=30	Pass
		12	0	18.24	2.7	20.94	<=30	Pass
			6	18.30	2.7	21	<=30	Pass
			13	18.30	2.7	21	<=30	Pass
		25	0	18.27	2.7	20.97	<=30	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

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1.4 B4_10MHz_EIRP

1.4.1 Test Result

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	22.95	2.7	25.65	<=30	Pass
			25	22.99	2.7	25.69	<=30	Pass
			49	22.93	2.7	25.63	<=30	Pass
		25	0	22.02	2.7	24.72	<=30	Pass
			13	21.98	2.7	24.68	<=30	Pass
			25	21.93	2.7	24.63	<=30	Pass
		50	0	21.96	2.7	24.66	<=30	Pass
	1732.5	1	0	23.00	2.7	25.7	<=30	Pass
			25	22.95	2.7	25.65	<=30	Pass
			49	22.90	2.7	25.6	<=30	Pass
		25	0	22.12	2.7	24.82	<=30	Pass
			13	22.07	2.7	24.77	<=30	Pass
			25	22.01	2.7	24.71	<=30	Pass
		50	0	22.02	2.7	24.72	<=30	Pass
	1750	1	0	22.84	2.7	25.54	<=30	Pass
			25	22.80	2.7	25.5	<=30	Pass
			49	22.80	2.7	25.5	<=30	Pass
		25	0	21.89	2.7	24.59	<=30	Pass
			13	21.93	2.7	24.63	<=30	Pass
			25	21.92	2.7	24.62	<=30	Pass
		50	0	21.92	2.7	24.62	<=30	Pass
16QAM	1715	1	0	22.60	2.7	25.3	<=30	Pass
			25	22.53	2.7	25.23	<=30	Pass
			49	22.61	2.7	25.31	<=30	Pass
		25	0	21.09	2.7	23.79	<=30	Pass
			13	21.06	2.7	23.76	<=30	Pass
			25	21.02	2.7	23.72	<=30	Pass
		50	0	20.97	2.7	23.67	<=30	Pass
	1732.5	1	0	22.27	2.7	24.97	<=30	Pass
			25	22.20	2.7	24.9	<=30	Pass
			49	22.13	2.7	24.83	<=30	Pass
		25	0	21.15	2.7	23.85	<=30	Pass
			13	21.06	2.7	23.76	<=30	Pass
			25	21.03	2.7	23.73	<=30	Pass
		50	0	21.05	2.7	23.75	<=30	Pass
	1750	1	0	21.88	2.7	24.58	<=30	Pass
			25	21.88	2.7	24.58	<=30	Pass
			49	21.91	2.7	24.61	<=30	Pass
		25	0	21.02	2.7	23.72	<=30	Pass
			13	21.02	2.7	23.72	<=30	Pass

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			25	21.01	2.7	23.71	<=30	Pass
		50	0	20.92	2.7	23.62	<=30	Pass
64QAM	1715	1	0	21.50	2.7	24.2	<=30	Pass
			25	21.52	2.7	24.22	<=30	Pass
			49	21.48	2.7	24.18	<=30	Pass
		25	0	21.48	2.7	24.18	<=30	Pass
			13	21.49	2.7	24.19	<=30	Pass
			25	21.50	2.7	24.2	<=30	Pass
		50	0	21.52	2.7	24.22	<=30	Pass
	1732.5	1	0	21.52	2.7	24.22	<=30	Pass
			25	21.56	2.7	24.26	<=30	Pass
			49	21.54	2.7	24.24	<=30	Pass
		25	0	21.53	2.7	24.23	<=30	Pass
			13	21.53	2.7	24.23	<=30	Pass
			25	21.50	2.7	24.2	<=30	Pass
		50	0	21.54	2.7	24.24	<=30	Pass
	1750	1	0	21.03	2.7	23.73	<=30	Pass
			25	20.97	2.7	23.67	<=30	Pass
			49	20.91	2.7	23.61	<=30	Pass
		25	0	20.93	2.7	23.63	<=30	Pass
			13	20.96	2.7	23.66	<=30	Pass
			25	20.95	2.7	23.65	<=30	Pass
		50	0	20.97	2.7	23.67	<=30	Pass
256QAM	1715	1	0	18.54	2.7	21.24	<=30	Pass
			25	18.51	2.7	21.21	<=30	Pass
			49	18.47	2.7	21.17	<=30	Pass
		25	0	18.40	2.7	21.1	<=30	Pass
			13	18.30	2.7	21	<=30	Pass
			25	18.30	2.7	21	<=30	Pass
		50	0	18.28	2.7	20.98	<=30	Pass
	1732.5	1	0	18.75	2.7	21.45	<=30	Pass
			25	18.73	2.7	21.43	<=30	Pass
			49	18.67	2.7	21.37	<=30	Pass
		25	0	18.39	2.7	21.09	<=30	Pass
			13	18.30	2.7	21	<=30	Pass
			25	18.28	2.7	20.98	<=30	Pass
		50	0	18.32	2.7	21.02	<=30	Pass
	1750	1	0	18.00	2.7	20.7	<=30	Pass
			25	17.91	2.7	20.61	<=30	Pass
			49	17.97	2.7	20.67	<=30	Pass
		25	0	18.16	2.7	20.86	<=30	Pass
			13	18.21	2.7	20.91	<=30	Pass
			25	18.18	2.7	20.88	<=30	Pass
		50	0	18.19	2.7	20.89	<=30	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

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1.5 B4_15MHz_EIRP

1.5.1 Test Result

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	22.84	2.7	25.54	<=30	Pass
			38	22.77	2.7	25.47	<=30	Pass
			74	22.83	2.7	25.53	<=30	Pass
		36	0	21.92	2.7	24.62	<=30	Pass
			18	21.92	2.7	24.62	<=30	Pass
			39	21.85	2.7	24.55	<=30	Pass
		75	0	21.92	2.7	24.62	<=30	Pass
	1732.5	1	0	22.91	2.7	25.61	<=30	Pass
			38	22.85	2.7	25.55	<=30	Pass
			74	22.76	2.7	25.46	<=30	Pass
		36	0	22.04	2.7	24.74	<=30	Pass
			18	21.95	2.7	24.65	<=30	Pass
			39	21.88	2.7	24.58	<=30	Pass
		75	0	21.88	2.7	24.58	<=30	Pass
	1747.5	1	0	22.80	2.7	25.5	<=30	Pass
			38	22.70	2.7	25.4	<=30	Pass
			74	22.72	2.7	25.42	<=30	Pass
		36	0	21.81	2.7	24.51	<=30	Pass
			18	21.85	2.7	24.55	<=30	Pass
			39	21.76	2.7	24.46	<=30	Pass
		75	0	21.80	2.7	24.5	<=30	Pass
16QAM	1717.5	1	0	22.50	2.7	25.2	<=30	Pass
			38	22.42	2.7	25.12	<=30	Pass
			74	22.42	2.7	25.12	<=30	Pass
		36	0	20.99	2.7	23.69	<=30	Pass
			18	20.99	2.7	23.69	<=30	Pass
			39	20.90	2.7	23.6	<=30	Pass
		75	0	20.96	2.7	23.66	<=30	Pass
	1732.5	1	0	22.07	2.7	24.77	<=30	Pass
			38	22.15	2.7	24.85	<=30	Pass
			74	22.06	2.7	24.76	<=30	Pass
		36	0	21.01	2.7	23.71	<=30	Pass
			18	20.95	2.7	23.65	<=30	Pass
			39	20.91	2.7	23.61	<=30	Pass
		75	0	20.92	2.7	23.62	<=30	Pass
	1747.5	1	0	22.27	2.7	24.97	<=30	Pass
			38	22.13	2.7	24.83	<=30	Pass
			74	22.12	2.7	24.82	<=30	Pass
		36	0	20.83	2.7	23.53	<=30	Pass
			18	20.83	2.7	23.53	<=30	Pass

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			39	20.74	2.7	23.44	<=30	Pass
		75	0	20.84	2.7	23.54	<=30	Pass
64QAM	1717.5	1	0	21.46	2.7	24.16	<=30	Pass
			38	21.43	2.7	24.13	<=30	Pass
			74	21.42	2.7	24.12	<=30	Pass
		36	0	21.45	2.7	24.15	<=30	Pass
			18	21.45	2.7	24.15	<=30	Pass
			39	21.44	2.7	24.14	<=30	Pass
		75	0	21.44	2.7	24.14	<=30	Pass
	1732.5	1	0	21.39	2.7	24.09	<=30	Pass
			38	21.38	2.7	24.08	<=30	Pass
			74	21.35	2.7	24.05	<=30	Pass
		36	0	21.35	2.7	24.05	<=30	Pass
			18	21.36	2.7	24.06	<=30	Pass
			39	21.40	2.7	24.1	<=30	Pass
		75	0	21.39	2.7	24.09	<=30	Pass
	1747.5	1	0	21.29	2.7	23.99	<=30	Pass
			38	21.29	2.7	23.99	<=30	Pass
			74	21.31	2.7	24.01	<=30	Pass
		36	0	21.30	2.7	24	<=30	Pass
			18	21.28	2.7	23.98	<=30	Pass
			39	21.30	2.7	24	<=30	Pass
		75	0	21.30	2.7	24	<=30	Pass
256QAM	1717.5	1	0	18.30	2.7	21	<=30	Pass
			38	18.27	2.7	20.97	<=30	Pass
			74	18.24	2.7	20.94	<=30	Pass
		36	0	18.20	2.7	20.9	<=30	Pass
			18	18.24	2.7	20.94	<=30	Pass
			39	18.13	2.7	20.83	<=30	Pass
		75	0	18.27	2.7	20.97	<=30	Pass
	1732.5	1	0	18.64	2.7	21.34	<=30	Pass
			38	18.47	2.7	21.17	<=30	Pass
			74	18.34	2.7	21.04	<=30	Pass
		36	0	18.30	2.7	21	<=30	Pass
			18	18.24	2.7	20.94	<=30	Pass
			39	18.17	2.7	20.87	<=30	Pass
		75	0	18.15	2.7	20.85	<=30	Pass
	1747.5	1	0	18.20	2.7	20.9	<=30	Pass
			38	18.02	2.7	20.72	<=30	Pass
			74	18.03	2.7	20.73	<=30	Pass
		36	0	18.08	2.7	20.78	<=30	Pass
			18	18.06	2.7	20.76	<=30	Pass
			39	17.95	2.7	20.65	<=30	Pass
		75	0	18.06	2.7	20.76	<=30	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

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1.6 B4_20MHz_EIRP

1.6.1 Test Result

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	22.85	2.7	25.55	<=30	Pass
			50	22.81	2.7	25.51	<=30	Pass
			99	22.86	2.7	25.56	<=30	Pass
		50	0	21.93	2.7	24.63	<=30	Pass
			25	21.89	2.7	24.59	<=30	Pass
			50	21.88	2.7	24.58	<=30	Pass
		100	0	21.88	2.7	24.58	<=30	Pass
	1732.5	1	0	22.91	2.7	25.61	<=30	Pass
			50	22.89	2.7	25.59	<=30	Pass
			99	22.84	2.7	25.54	<=30	Pass
		50	0	22.02	2.7	24.72	<=30	Pass
			25	21.94	2.7	24.64	<=30	Pass
			50	21.87	2.7	24.57	<=30	Pass
		100	0	21.90	2.7	24.6	<=30	Pass
	1745	1	0	22.85	2.7	25.55	<=30	Pass
			50	22.68	2.7	25.38	<=30	Pass
			99	22.71	2.7	25.41	<=30	Pass
		50	0	21.92	2.7	24.62	<=30	Pass
			25	21.85	2.7	24.55	<=30	Pass
			50	21.76	2.7	24.46	<=30	Pass
		100	0	21.88	2.7	24.58	<=30	Pass
16QAM	1720	1	0	22.21	2.7	24.91	<=30	Pass
			50	22.15	2.7	24.85	<=30	Pass
			99	22.23	2.7	24.93	<=30	Pass
		50	0	20.93	2.7	23.63	<=30	Pass
			25	20.87	2.7	23.57	<=30	Pass
			50	20.87	2.7	23.57	<=30	Pass
		100	0	20.91	2.7	23.61	<=30	Pass
	1732.5	1	0	22.24	2.7	24.94	<=30	Pass
			50	22.14	2.7	24.84	<=30	Pass
			99	22.09	2.7	24.79	<=30	Pass
		50	0	21.02	2.7	23.72	<=30	Pass
			25	20.94	2.7	23.64	<=30	Pass
			50	20.87	2.7	23.57	<=30	Pass
		100	0	20.90	2.7	23.6	<=30	Pass
	1745	1	0	22.49	2.7	25.19	<=30	Pass
			50	22.28	2.7	24.98	<=30	Pass
			99	22.38	2.7	25.08	<=30	Pass
		50	0	20.92	2.7	23.62	<=30	Pass
			25	20.86	2.7	23.56	<=30	Pass

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			50	20.74	2.7	23.44	<=30	Pass
		100	0	20.90	2.7	23.6	<=30	Pass
64QAM	1720	1	0	21.27	2.7	23.97	<=30	Pass
			50	21.26	2.7	23.96	<=30	Pass
			99	21.25	2.7	23.95	<=30	Pass
		50	0	21.27	2.7	23.97	<=30	Pass
			25	21.28	2.7	23.98	<=30	Pass
			50	21.26	2.7	23.96	<=30	Pass
		100	0	21.26	2.7	23.96	<=30	Pass
	1732.5	1	0	21.77	2.7	24.47	<=30	Pass
			50	21.73	2.7	24.43	<=30	Pass
			99	21.74	2.7	24.44	<=30	Pass
		50	0	21.63	2.7	24.33	<=30	Pass
			25	21.54	2.7	24.24	<=30	Pass
			50	21.52	2.7	24.22	<=30	Pass
		100	0	21.60	2.7	24.3	<=30	Pass
	1745	1	0	21.43	2.7	24.13	<=30	Pass
			50	21.46	2.7	24.16	<=30	Pass
			99	21.43	2.7	24.13	<=30	Pass
		50	0	21.43	2.7	24.13	<=30	Pass
			25	21.44	2.7	24.14	<=30	Pass
			50	21.44	2.7	24.14	<=30	Pass
		100	0	21.44	2.7	24.14	<=30	Pass
256QAM	1720	1	0	18.06	2.7	20.76	<=30	Pass
			50	18.03	2.7	20.73	<=30	Pass
			99	18.02	2.7	20.72	<=30	Pass
		50	0	18.20	2.7	20.9	<=30	Pass
			25	18.12	2.7	20.82	<=30	Pass
			50	18.13	2.7	20.83	<=30	Pass
		100	0	18.16	2.7	20.86	<=30	Pass
	1732.5	1	0	18.46	2.7	21.16	<=30	Pass
			50	18.48	2.7	21.18	<=30	Pass
			99	18.20	2.7	20.9	<=30	Pass
		50	0	18.31	2.7	21.01	<=30	Pass
			25	18.23	2.7	20.93	<=30	Pass
			50	18.13	2.7	20.83	<=30	Pass
		100	0	18.17	2.7	20.87	<=30	Pass
	1745	1	0	18.05	2.7	20.75	<=30	Pass
			50	17.81	2.7	20.51	<=30	Pass
			99	17.83	2.7	20.53	<=30	Pass
		50	0	18.14	2.7	20.84	<=30	Pass
			25	18.13	2.7	20.83	<=30	Pass
			50	17.96	2.7	20.66	<=30	Pass
		100	0	18.10	2.7	20.8	<=30	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

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2. Frequency Stability

2.1 B4_1.4MHz

2.1.1 Test Result

Band: 4 / Bandwidth: 1.4MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1710.7	6	0	20	3.55	3.605	0.0021	/	Pass
					4.0	2.289	0.0013	/	Pass
					4.4	2.589	0.0015	/	Pass
				-30	4.0	2.689	0.0016	/	Pass
				-20	4.0	0.830	0.0005	/	Pass
				-10	4.0	1.559	0.0009	/	Pass
				0	4.0	1.173	0.0007	/	Pass
				10	4.0	0.815	0.0005	/	Pass
				30	4.0	1.602	0.0009	/	Pass
				40	4.0	2.718	0.0016	/	Pass
				50	4.0	1.001	0.0006	/	Pass
	1732.5	6	0	20	3.55	-20.800	-0.0120	/	Pass
					4.0	-18.940	-0.0109	/	Pass
					4.4	-14.777	-0.0085	/	Pass
				-30	4.0	-10.657	-0.0062	/	Pass
				-20	4.0	-7.639	-0.0044	/	Pass
				-10	4.0	-5.221	-0.0030	/	Pass
				0	4.0	-3.533	-0.0020	/	Pass
				10	4.0	-1.273	-0.0007	/	Pass
				30	4.0	-0.601	-0.0003	/	Pass
				40	4.0	0.200	0.0001	/	Pass
				50	4.0	0.215	0.0001	/	Pass
	1754.3	6	0	20	3.55	-16.193	-0.0092	/	Pass
					4.0	-16.236	-0.0093	/	Pass
					4.4	-14.019	-0.0080	/	Pass
				-30	4.0	-12.531	-0.0071	/	Pass
				-20	4.0	-8.554	-0.0049	/	Pass
				-10	4.0	-7.782	-0.0044	/	Pass
				0	4.0	-6.380	-0.0036	/	Pass
				10	4.0	-3.304	-0.0019	/	Pass
				30	4.0	-4.249	-0.0024	/	Pass
				40	4.0	-2.904	-0.0017	/	Pass
				50	4.0	-1.931	-0.0011	/	Pass
16QAM	1710.7	6	0	20	3.55	0.730	0.0004	/	Pass
					4.0	1.431	0.0008	/	Pass
					4.4	1.445	0.0008	/	Pass
				-30	4.0	0.916	0.0005	/	Pass

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				-20	4.0	2.403	0.0014	/	Pass
				-10	4.0	2.260	0.0013	/	Pass
				0	4.0	2.332	0.0014	/	Pass
				10	4.0	1.545	0.0009	/	Pass
				30	4.0	1.802	0.0011	/	Pass
				40	4.0	1.645	0.0010	/	Pass
				50	4.0	1.659	0.0010	/	Pass
	1732.5	6	0	20	3.55	-0.129	-0.0001	/	Pass
					4.0	-0.043	0.0000	/	Pass
					4.4	1.030	0.0006	/	Pass
				-30	4.0	0.858	0.0005	/	Pass
				-20	4.0	1.230	0.0007	/	Pass
				-10	4.0	1.473	0.0009	/	Pass
				0	4.0	1.388	0.0008	/	Pass
				10	4.0	1.302	0.0008	/	Pass
				30	4.0	0.901	0.0005	/	Pass
				40	4.0	2.174	0.0013	/	Pass
				50	4.0	1.845	0.0011	/	Pass
	1754.3	6	0	20	3.55	-0.973	-0.0006	/	Pass
					4.0	-1.931	-0.0011	/	Pass
					4.4	-0.815	-0.0005	/	Pass
				-30	4.0	-0.472	-0.0003	/	Pass
				-20	4.0	-0.229	-0.0001	/	Pass
				-10	4.0	-1.874	-0.0011	/	Pass
				0	4.0	0.830	0.0005	/	Pass
				10	4.0	-0.458	-0.0003	/	Pass
				30	4.0	0.114	0.0001	/	Pass
				40	4.0	1.259	0.0007	/	Pass
				50	4.0	0.958	0.0005	/	Pass
64QAM	1710.7	6	0	20	3.55	-4.848	-0.0028	/	Pass
					4.0	-8.970	-0.0052	/	Pass
					4.4	-11.162	-0.0065	/	Pass
				-30	4.0	-11.168	-0.0065	/	Pass
				-20	4.0	-13.744	-0.0080	/	Pass
				-10	4.0	-13.368	-0.0078	/	Pass
				0	4.0	-16.476	-0.0096	/	Pass
				10	4.0	-17.621	-0.0103	/	Pass
				30	4.0	-20.739	-0.0121	/	Pass
				40	4.0	-19.589	-0.0115	/	Pass
				50	4.0	-21.279	-0.0124	/	Pass
	1732.5	6	0	20	3.55	9.326	0.0054	/	Pass
					4.0	12.255	0.0071	/	Pass
					4.4	13.619	0.0079	/	Pass
				-30	4.0	10.759	0.0062	/	Pass
				-20	4.0	13.010	0.0075	/	Pass
				-10	4.0	12.651	0.0073	/	Pass
				0	4.0	12.134	0.0070	/	Pass
				10	4.0	13.740	0.0079	/	Pass

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				30	4.0	12.147	0.0070	/	Pass
				40	4.0	10.901	0.0063	/	Pass
				50	4.0	14.057	0.0081	/	Pass
	1754.3	6	0	20	3.55	-17.051	-0.0097	/	Pass
					4.0	-17.816	-0.0102	/	Pass
					4.4	-16.799	-0.0096	/	Pass
				-30	4.0	-14.732	-0.0084	/	Pass
				-20	4.0	-13.355	-0.0076	/	Pass
				-10	4.0	-12.617	-0.0072	/	Pass
				0	4.0	-10.249	-0.0058	/	Pass
				10	4.0	-10.352	-0.0059	/	Pass
				30	4.0	-9.817	-0.0056	/	Pass
				40	4.0	-7.202	-0.0041	/	Pass
				50	4.0	-7.413	-0.0042	/	Pass
256QAM	1710.7	6	0	20	3.55	-19.778	-0.0116	/	Pass
					4.0	-18.044	-0.0105	/	Pass
					4.4	-16.095	-0.0094	/	Pass
				-30	4.0	-16.841	-0.0098	/	Pass
				-20	4.0	-14.188	-0.0083	/	Pass
				-10	4.0	-12.746	-0.0075	/	Pass
				0	4.0	-10.817	-0.0063	/	Pass
				10	4.0	-9.020	-0.0053	/	Pass
				30	4.0	-9.644	-0.0056	/	Pass
				40	4.0	-7.105	-0.0042	/	Pass
				50	4.0	-6.737	-0.0039	/	Pass
	1732.5	6	0	20	3.55	10.707	0.0062	/	Pass
					4.0	12.031	0.0069	/	Pass
					4.4	8.574	0.0049	/	Pass
				-30	4.0	10.679	0.0062	/	Pass
				-20	4.0	8.423	0.0049	/	Pass
				-10	4.0	6.879	0.0040	/	Pass
				0	4.0	7.954	0.0046	/	Pass
				10	4.0	7.203	0.0042	/	Pass
				30	4.0	5.116	0.0030	/	Pass
				40	4.0	5.427	0.0031	/	Pass
				50	4.0	5.363	0.0031	/	Pass
	1754.3	6	0	20	3.55	-7.252	-0.0041	/	Pass
					4.0	-6.299	-0.0036	/	Pass
					4.4	-4.820	-0.0027	/	Pass
				-30	4.0	-3.717	-0.0021	/	Pass
				-20	4.0	-2.643	-0.0015	/	Pass
				-10	4.0	-1.560	-0.0009	/	Pass
				0	4.0	-0.320	-0.0002	/	Pass
				10	4.0	-3.050	-0.0017	/	Pass
				30	4.0	-1.466	-0.0008	/	Pass
				40	4.0	-1.396	-0.0008	/	Pass
				50	4.0	-0.806	-0.0005	/	Pass

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2.2 B4_3MHz

2.2.1 Test Result

Band: 4 / Bandwidth: 3MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1711.5	15	0	20	3.55	-0.229	-0.0001	/	Pass
					4.0	0.057	0.0000	/	Pass
					4.4	-0.501	-0.0003	/	Pass
				-30	4.0	-0.744	-0.0004	/	Pass
				-20	4.0	-1.545	-0.0009	/	Pass
				-10	4.0	-0.644	-0.0004	/	Pass
				0	4.0	-0.229	-0.0001	/	Pass
				10	4.0	-0.358	-0.0002	/	Pass
				30	4.0	-1.431	-0.0008	/	Pass
				40	4.0	-1.016	-0.0006	/	Pass
				50	4.0	-0.701	-0.0004	/	Pass
	1732.5	15	0	20	3.55	-0.587	-0.0003	/	Pass
					4.0	1.559	0.0009	/	Pass
					4.4	-0.358	-0.0002	/	Pass
				-30	4.0	-0.143	-0.0001	/	Pass
				-20	4.0	1.173	0.0007	/	Pass
				-10	4.0	0.100	0.0001	/	Pass
				0	4.0	-0.429	-0.0002	/	Pass
				10	4.0	0.830	0.0005	/	Pass
				30	4.0	0.472	0.0003	/	Pass
				40	4.0	0.172	0.0001	/	Pass
				50	4.0	0.529	0.0003	/	Pass
	1753.5	15	0	20	3.55	1.359	0.0008	/	Pass
					4.0	0.787	0.0004	/	Pass
					4.4	1.917	0.0011	/	Pass
				-30	4.0	1.330	0.0008	/	Pass
				-20	4.0	1.044	0.0006	/	Pass
				-10	4.0	0.944	0.0005	/	Pass
				0	4.0	1.116	0.0006	/	Pass
				10	4.0	1.860	0.0011	/	Pass
				30	4.0	1.245	0.0007	/	Pass
				40	4.0	0.629	0.0004	/	Pass
				50	4.0	1.287	0.0007	/	Pass
16QAM	1711.5	15	0	20	3.55	-1.359	-0.0008	/	Pass
					4.0	-0.572	-0.0003	/	Pass
					4.4	-1.245	-0.0007	/	Pass
				-30	4.0	-0.415	-0.0002	/	Pass
				-20	4.0	-0.887	-0.0005	/	Pass
				-10	4.0	-0.172	-0.0001	/	Pass
				0	4.0	-1.073	-0.0006	/	Pass

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				10	4.0	-0.730	-0.0004	/	Pass
				30	4.0	-0.343	-0.0002	/	Pass
				40	4.0	-1.216	-0.0007	/	Pass
				50	4.0	-1.001	-0.0006	/	Pass
	1732.5	15	0	20	3.55	0.315	0.0002	/	Pass
					4.0	1.431	0.0008	/	Pass
					4.4	-0.515	-0.0003	/	Pass
				-30	4.0	1.574	0.0009	/	Pass
				-20	4.0	-0.687	-0.0004	/	Pass
				-10	4.0	0.858	0.0005	/	Pass
				0	4.0	0.329	0.0002	/	Pass
				10	4.0	1.616	0.0009	/	Pass
				30	4.0	1.016	0.0006	/	Pass
				40	4.0	0.472	0.0003	/	Pass
				50	4.0	1.087	0.0006	/	Pass
	1753.5	15	0	20	3.55	-0.143	-0.0001	/	Pass
					4.0	1.116	0.0006	/	Pass
					4.4	1.345	0.0008	/	Pass
				-30	4.0	-0.401	-0.0002	/	Pass
				-20	4.0	0.143	0.0001	/	Pass
				-10	4.0	0.715	0.0004	/	Pass
				0	4.0	0.458	0.0003	/	Pass
				10	4.0	0.987	0.0006	/	Pass
				30	4.0	-0.014	0.0000	/	Pass
				40	4.0	0.300	0.0002	/	Pass
				50	4.0	0.429	0.0002	/	Pass
64QAM	1711.5	15	0	20	3.55	0.401	0.0002	/	Pass
					4.0	-0.737	-0.0004	/	Pass
					4.4	1.163	0.0007	/	Pass
				-30	4.0	1.494	0.0009	/	Pass
				-20	4.0	1.310	0.0008	/	Pass
				-10	4.0	0.918	0.0005	/	Pass
				0	4.0	0.727	0.0004	/	Pass
				10	4.0	0.602	0.0004	/	Pass
				30	4.0	0.775	0.0005	/	Pass
				40	4.0	1.117	0.0007	/	Pass
				50	4.0	0.583	0.0003	/	Pass
	1732.5	15	0	20	3.55	0.388	0.0002	/	Pass
					4.0	0.647	0.0004	/	Pass
					4.4	-0.844	-0.0005	/	Pass
				-30	4.0	0.890	0.0005	/	Pass
				-20	4.0	1.021	0.0006	/	Pass
				-10	4.0	0.513	0.0003	/	Pass
				0	4.0	0.438	0.0003	/	Pass
				10	4.0	-0.658	-0.0004	/	Pass
				30	4.0	-0.054	0.0000	/	Pass
				40	4.0	1.651	0.0010	/	Pass
				50	4.0	1.515	0.0009	/	Pass

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	1753.5	15	0	20	3.55	0.382	0.0002	/	Pass
					4.0	-0.139	-0.0001	/	Pass
					4.4	0.948	0.0005	/	Pass
				-30	4.0	1.411	0.0008	/	Pass
				-20	4.0	0.823	0.0005	/	Pass
				-10	4.0	0.084	0.0000	/	Pass
				0	4.0	-0.255	-0.0001	/	Pass
				10	4.0	1.327	0.0008	/	Pass
				30	4.0	0.496	0.0003	/	Pass
				40	4.0	0.857	0.0005	/	Pass
				50	4.0	0.548	0.0003	/	Pass
256QAM	1711.5	15	0	20	3.55	0.874	0.0005	/	Pass
					4.0	1.753	0.0010	/	Pass
					4.4	0.904	0.0005	/	Pass
				-30	4.0	1.061	0.0006	/	Pass
				-20	4.0	1.927	0.0011	/	Pass
				-10	4.0	1.032	0.0006	/	Pass
				0	4.0	0.057	0.0000	/	Pass
				10	4.0	0.727	0.0004	/	Pass
				30	4.0	1.566	0.0009	/	Pass
				40	4.0	0.326	0.0002	/	Pass
				50	4.0	1.480	0.0009	/	Pass
	1732.5	15	0	20	3.55	-0.556	-0.0003	/	Pass
					4.0	0.609	0.0004	/	Pass
					4.4	0.599	0.0003	/	Pass
				-30	4.0	1.085	0.0006	/	Pass
				-20	4.0	-0.175	-0.0001	/	Pass
				-10	4.0	0.905	0.0005	/	Pass
				0	4.0	0.839	0.0005	/	Pass
				10	4.0	-1.192	-0.0007	/	Pass
				30	4.0	-0.554	-0.0003	/	Pass
				40	4.0	-0.296	-0.0002	/	Pass
				50	4.0	0.934	0.0005	/	Pass
	1753.5	15	0	20	3.55	1.335	0.0008	/	Pass
					4.0	1.449	0.0008	/	Pass
					4.4	-0.131	-0.0001	/	Pass
				-30	4.0	-0.923	-0.0005	/	Pass
				-20	4.0	0.202	0.0001	/	Pass
				-10	4.0	0.397	0.0002	/	Pass
				0	4.0	1.306	0.0007	/	Pass
				10	4.0	1.596	0.0009	/	Pass
				30	4.0	1.359	0.0008	/	Pass
				40	4.0	0.499	0.0003	/	Pass
				50	4.0	1.143	0.0007	/	Pass

2.3 B4_5MHz

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2.3.1 Test Result

Band: 4 / Bandwidth: 5MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1712.5	25	0	20	3.55	-0.873	-0.0005	/	Pass
					4.0	0.372	0.0002	/	Pass
					4.4	-0.014	0.0000	/	Pass
				-30	4.0	0.086	0.0001	/	Pass
				-20	4.0	-0.458	-0.0003	/	Pass
				-10	4.0	-0.443	-0.0003	/	Pass
				0	4.0	-1.860	-0.0011	/	Pass
				10	4.0	-0.329	-0.0002	/	Pass
				30	4.0	-0.873	-0.0005	/	Pass
				40	4.0	-0.472	-0.0003	/	Pass
				50	4.0	-0.772	-0.0005	/	Pass
	1732.5	25	0	20	3.55	-0.572	-0.0003	/	Pass
					4.0	-0.701	-0.0004	/	Pass
					4.4	-1.187	-0.0007	/	Pass
				-30	4.0	-1.960	-0.0011	/	Pass
				-20	4.0	-0.887	-0.0005	/	Pass
				-10	4.0	-0.944	-0.0005	/	Pass
				0	4.0	-1.645	-0.0009	/	Pass
				10	4.0	-1.473	-0.0009	/	Pass
				30	4.0	-1.173	-0.0007	/	Pass
				40	4.0	-1.831	-0.0011	/	Pass
				50	4.0	-1.116	-0.0006	/	Pass
	1752.5	25	0	20	3.55	0.558	0.0003	/	Pass
					4.0	-1.502	-0.0009	/	Pass
					4.4	-0.300	-0.0002	/	Pass
				-30	4.0	-0.701	-0.0004	/	Pass
				-20	4.0	-0.730	-0.0004	/	Pass
				-10	4.0	0.000	0.0000	/	Pass
				0	4.0	-1.459	-0.0008	/	Pass
				10	4.0	-0.501	-0.0003	/	Pass
				30	4.0	-0.672	-0.0004	/	Pass
				40	4.0	0.072	0.0000	/	Pass
				50	4.0	0.286	0.0002	/	Pass
16QAM	1712.5	25	0	20	3.55	0.401	0.0002	/	Pass
					4.0	-0.601	-0.0004	/	Pass
					4.4	-0.386	-0.0002	/	Pass
				-30	4.0	-1.330	-0.0008	/	Pass
				-20	4.0	0.315	0.0002	/	Pass
				-10	4.0	-0.958	-0.0006	/	Pass
				0	4.0	-1.416	-0.0008	/	Pass
				10	4.0	0.200	0.0001	/	Pass
				30	4.0	-1.845	-0.0011	/	Pass
				40	4.0	0.772	0.0005	/	Pass

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				50	4.0	-1.459	-0.0009	/	Pass
	1732.5	25	0	20	3.55	-0.458	-0.0003	/	Pass
					4.0	-1.645	-0.0009	/	Pass
					4.4	-1.159	-0.0007	/	Pass
				-30	4.0	-1.202	-0.0007	/	Pass
				-20	4.0	-1.774	-0.0010	/	Pass
				-10	4.0	-0.830	-0.0005	/	Pass
				0	4.0	-1.087	-0.0006	/	Pass
				10	4.0	-0.572	-0.0003	/	Pass
				30	4.0	-1.101	-0.0006	/	Pass
				40	4.0	-2.589	-0.0015	/	Pass
				50	4.0	-1.516	-0.0009	/	Pass
	1752.5	25	0	20	3.55	0.486	0.0003	/	Pass
					4.0	-0.844	-0.0005	/	Pass
					4.4	-0.100	-0.0001	/	Pass
				-30	4.0	0.486	0.0003	/	Pass
				-20	4.0	-0.458	-0.0003	/	Pass
				-10	4.0	-0.944	-0.0005	/	Pass
				0	4.0	-0.286	-0.0002	/	Pass
				10	4.0	-0.358	-0.0002	/	Pass
				30	4.0	-0.358	-0.0002	/	Pass
				40	4.0	-0.787	-0.0004	/	Pass
				50	4.0	-0.815	-0.0005	/	Pass
64QAM	1712.5	25	0	20	3.55	0.179	0.0001	/	Pass
					4.0	-0.178	-0.0001	/	Pass
					4.4	-1.010	-0.0006	/	Pass
				-30	4.0	-0.478	-0.0003	/	Pass
				-20	4.0	-0.598	-0.0003	/	Pass
				-10	4.0	-0.969	-0.0006	/	Pass
				0	4.0	-1.278	-0.0007	/	Pass
				10	4.0	1.028	0.0006	/	Pass
				30	4.0	-0.132	-0.0001	/	Pass
				40	4.0	0.788	0.0005	/	Pass
				50	4.0	-0.408	-0.0002	/	Pass
	1732.5	25	0	20	3.55	-0.622	-0.0004	/	Pass
					4.0	-1.285	-0.0007	/	Pass
					4.4	-0.747	-0.0004	/	Pass
				-30	4.0	-1.018	-0.0006	/	Pass
				-20	4.0	-0.423	-0.0002	/	Pass
				-10	4.0	-1.040	-0.0006	/	Pass
				0	4.0	-0.865	-0.0005	/	Pass
				10	4.0	-0.331	-0.0002	/	Pass
				30	4.0	0.087	0.0001	/	Pass
				40	4.0	-0.220	-0.0001	/	Pass
				50	4.0	-1.570	-0.0009	/	Pass
	1752.5	25	0	20	3.55	1.206	0.0007	/	Pass
					4.0	1.147	0.0007	/	Pass
					4.4	-0.212	-0.0001	/	Pass

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				-30	4.0	0.795	0.0005	/	Pass
				-20	4.0	0.235	0.0001	/	Pass
				-10	4.0	0.635	0.0004	/	Pass
				0	4.0	-0.356	-0.0002	/	Pass
				10	4.0	0.992	0.0006	/	Pass
				30	4.0	1.646	0.0009	/	Pass
				40	4.0	1.008	0.0006	/	Pass
				50	4.0	-0.225	-0.0001	/	Pass
256QAM	1712.5	25	0	20	3.55	-0.509	-0.0003	/	Pass
					4.0	-0.239	-0.0001	/	Pass
					4.4	-0.239	-0.0001	/	Pass
				-30	4.0	-1.526	-0.0009	/	Pass
				-20	4.0	-0.916	-0.0005	/	Pass
				-10	4.0	-0.320	-0.0002	/	Pass
				0	4.0	0.178	0.0001	/	Pass
				10	4.0	-0.200	-0.0001	/	Pass
				30	4.0	-0.752	-0.0004	/	Pass
				40	4.0	-0.529	-0.0003	/	Pass
				50	4.0	0.203	0.0001	/	Pass
	1732.5	25	0	20	3.55	-0.974	-0.0006	/	Pass
					4.0	-1.815	-0.0010	/	Pass
					4.4	-0.867	-0.0005	/	Pass
				-30	4.0	-0.527	-0.0003	/	Pass
				-20	4.0	-0.005	0.0000	/	Pass
				-10	4.0	-1.619	-0.0009	/	Pass
				0	4.0	-1.868	-0.0011	/	Pass
				10	4.0	-1.486	-0.0009	/	Pass
				30	4.0	-0.272	-0.0002	/	Pass
				40	4.0	-0.695	-0.0004	/	Pass
				50	4.0	0.312	0.0002	/	Pass
	1752.5	25	0	20	3.55	0.542	0.0003	/	Pass
					4.0	1.448	0.0008	/	Pass
					4.4	0.831	0.0005	/	Pass
				-30	4.0	0.973	0.0006	/	Pass
				-20	4.0	0.788	0.0004	/	Pass
				-10	4.0	1.001	0.0006	/	Pass
				0	4.0	1.028	0.0006	/	Pass
				10	4.0	1.849	0.0011	/	Pass
				30	4.0	0.424	0.0002	/	Pass
				40	4.0	0.852	0.0005	/	Pass
				50	4.0	1.092	0.0006	/	Pass

2.4 B4_10MHz

2.4.1 Test Result

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Shenzhen Branch

Band: 4 / Bandwidth: 10MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1715	50	0	20	3.55	-0.401	-0.0002	/	Pass
					4.0	-0.758	-0.0004	/	Pass
					4.4	-0.429	-0.0003	/	Pass
				-30	4.0	-0.200	-0.0001	/	Pass
				-20	4.0	-0.401	-0.0002	/	Pass
				-10	4.0	0.415	0.0002	/	Pass
				0	4.0	-1.316	-0.0008	/	Pass
				10	4.0	-0.744	-0.0004	/	Pass
				30	4.0	-0.443	-0.0003	/	Pass
				40	4.0	-0.458	-0.0003	/	Pass
				50	4.0	1.287	0.0008	/	Pass
	1732.5	50	0	20	3.55	-2.003	-0.0012	/	Pass
					4.0	-1.831	-0.0011	/	Pass
					4.4	-1.616	-0.0009	/	Pass
				-30	4.0	-2.160	-0.0012	/	Pass
				-20	4.0	-1.345	-0.0008	/	Pass
				-10	4.0	-2.031	-0.0012	/	Pass
				0	4.0	-2.418	-0.0014	/	Pass
				10	4.0	-2.575	-0.0015	/	Pass
				30	4.0	-2.389	-0.0014	/	Pass
				40	4.0	-1.817	-0.0010	/	Pass
				50	4.0	-1.287	-0.0007	/	Pass
	1750	50	0	20	3.55	-1.931	-0.0011	/	Pass
					4.0	-2.074	-0.0012	/	Pass
					4.4	-1.817	-0.0010	/	Pass
				-30	4.0	-1.016	-0.0006	/	Pass
				-20	4.0	-1.645	-0.0009	/	Pass
				-10	4.0	-1.788	-0.0010	/	Pass
				0	4.0	-1.531	-0.0009	/	Pass
				10	4.0	-0.243	-0.0001	/	Pass
				30	4.0	-0.801	-0.0005	/	Pass
				40	4.0	0.072	0.0000	/	Pass
				50	4.0	-0.715	-0.0004	/	Pass
16QAM	1715	50	0	20	3.55	0.057	0.0000	/	Pass
					4.0	-0.029	0.0000	/	Pass
					4.4	0.172	0.0001	/	Pass
				-30	4.0	0.544	0.0003	/	Pass
				-20	4.0	0.358	0.0002	/	Pass
				-10	4.0	-1.574	-0.0009	/	Pass
				0	4.0	-0.701	-0.0004	/	Pass
				10	4.0	0.372	0.0002	/	Pass
				30	4.0	-1.059	-0.0006	/	Pass
				40	4.0	-0.372	-0.0002	/	Pass
				50	4.0	-0.815	-0.0005	/	Pass
	1732.5	50	0	20	3.55	-2.818	-0.0016	/	Pass

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					4.0	-2.360	-0.0014	/	Pass
					4.4	-0.515	-0.0003	/	Pass
				-30	4.0	-1.817	-0.0010	/	Pass
				-20	4.0	-1.287	-0.0007	/	Pass
				-10	4.0	-1.330	-0.0008	/	Pass
				0	4.0	-1.245	-0.0007	/	Pass
				10	4.0	-0.815	-0.0005	/	Pass
				30	4.0	-1.073	-0.0006	/	Pass
				40	4.0	-1.874	-0.0011	/	Pass
				50	4.0	-1.917	-0.0011	/	Pass
	1750	50	0	20	3.55	-1.230	-0.0007	/	Pass
					4.0	-0.887	-0.0005	/	Pass
					4.4	-0.887	-0.0005	/	Pass
				-30	4.0	-0.386	-0.0002	/	Pass
				-20	4.0	0.300	0.0002	/	Pass
				-10	4.0	-0.172	-0.0001	/	Pass
				0	4.0	0.272	0.0002	/	Pass
				10	4.0	-0.815	-0.0005	/	Pass
				30	4.0	-0.257	-0.0001	/	Pass
				40	4.0	-1.831	-0.0010	/	Pass
				50	4.0	0.114	0.0001	/	Pass
64QAM	1715	50	0	20	3.55	0.757	0.0004	/	Pass
					4.0	0.228	0.0001	/	Pass
					4.4	0.837	0.0005	/	Pass
				-30	4.0	-0.644	-0.0004	/	Pass
				-20	4.0	0.790	0.0005	/	Pass
				-10	4.0	0.507	0.0003	/	Pass
				0	4.0	0.001	0.0000	/	Pass
				10	4.0	-0.413	-0.0002	/	Pass
				30	4.0	-0.598	-0.0003	/	Pass
				40	4.0	0.491	0.0003	/	Pass
				50	4.0	-1.684	-0.0010	/	Pass
	1732.5	50	0	20	3.55	-1.062	-0.0006	/	Pass
					4.0	-1.689	-0.0010	/	Pass
					4.4	-0.517	-0.0003	/	Pass
				-30	4.0	-0.564	-0.0003	/	Pass
				-20	4.0	-2.311	-0.0013	/	Pass
				-10	4.0	-1.389	-0.0008	/	Pass
				0	4.0	-2.143	-0.0012	/	Pass
				10	4.0	-1.269	-0.0007	/	Pass
				30	4.0	-2.052	-0.0012	/	Pass
				40	4.0	-1.940	-0.0011	/	Pass
				50	4.0	-2.471	-0.0014	/	Pass
	1750	50	0	20	3.55	-1.677	-0.0010	/	Pass
					4.0	-0.504	-0.0003	/	Pass
					4.4	0.003	0.0000	/	Pass
				-30	4.0	-1.126	-0.0006	/	Pass
				-20	4.0	-2.214	-0.0013	/	Pass

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				-10	4.0	-1.686	-0.0010	/	Pass
				0	4.0	0.507	0.0003	/	Pass
				10	4.0	-0.343	-0.0002	/	Pass
				30	4.0	-0.416	-0.0002	/	Pass
				40	4.0	-0.677	-0.0004	/	Pass
				50	4.0	-0.805	-0.0005	/	Pass
256QAM	1715	50	0	20	3.55	-0.043	0.0000	/	Pass
					4.0	-0.028	0.0000	/	Pass
					4.4	-0.260	-0.0002	/	Pass
				-30	4.0	-0.645	-0.0004	/	Pass
				-20	4.0	0.530	0.0003	/	Pass
				-10	4.0	0.180	0.0001	/	Pass
				0	4.0	-1.309	-0.0008	/	Pass
				10	4.0	0.294	0.0002	/	Pass
				30	4.0	0.407	0.0002	/	Pass
				40	4.0	0.147	0.0001	/	Pass
				50	4.0	0.043	0.0000	/	Pass
	1732.5	50	0	20	3.55	-1.919	-0.0011	/	Pass
					4.0	-1.799	-0.0010	/	Pass
					4.4	-0.467	-0.0003	/	Pass
				-30	4.0	-1.810	-0.0010	/	Pass
				-20	4.0	-0.940	-0.0005	/	Pass
				-10	4.0	-2.033	-0.0012	/	Pass
				0	4.0	-2.271	-0.0013	/	Pass
				10	4.0	-1.427	-0.0008	/	Pass
				30	4.0	-1.245	-0.0007	/	Pass
				40	4.0	-1.883	-0.0011	/	Pass
				50	4.0	-1.371	-0.0008	/	Pass
	1750	50	0	20	3.55	-0.228	-0.0001	/	Pass
					4.0	-0.392	-0.0002	/	Pass
					4.4	-1.279	-0.0007	/	Pass
				-30	4.0	-0.892	-0.0005	/	Pass
				-20	4.0	-1.119	-0.0006	/	Pass
				-10	4.0	-1.867	-0.0011	/	Pass
				0	4.0	-1.678	-0.0010	/	Pass
				10	4.0	-2.218	-0.0013	/	Pass
				30	4.0	-1.130	-0.0006	/	Pass
				40	4.0	-0.763	-0.0004	/	Pass
				50	4.0	-0.357	-0.0002	/	Pass

2.5 B4_15MHz

2.5.1 Test Result

Band: 4 / Bandwidth: 15MHz							
Modulation	Frequency	RB Allocation	Temp.	Voltage	Freq. Error	Freq. vs. Rated (ppm)	Verdict

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	(MHz)	Size	Offset	(°C)	(VDC)	(Hz)	Result	Limit	
QPSK	1717.5	75	0	20	3.55	-1.330	-0.0008	/	Pass
					4.0	0.358	0.0002	/	Pass
					4.4	-0.615	-0.0004	/	Pass
				-30	4.0	-0.343	-0.0002	/	Pass
				-20	4.0	0.172	0.0001	/	Pass
				-10	4.0	-0.200	-0.0001	/	Pass
				0	4.0	-0.787	-0.0005	/	Pass
				10	4.0	-1.445	-0.0008	/	Pass
				30	4.0	-2.160	-0.0013	/	Pass
				40	4.0	-1.187	-0.0007	/	Pass
				50	4.0	-1.073	-0.0006	/	Pass
	1732.5	75	0	20	3.55	-1.502	-0.0009	/	Pass
					4.0	-0.887	-0.0005	/	Pass
					4.4	-2.418	-0.0014	/	Pass
				-30	4.0	-1.001	-0.0006	/	Pass
				-20	4.0	-1.230	-0.0007	/	Pass
				-10	4.0	-0.215	-0.0001	/	Pass
				0	4.0	-2.604	-0.0015	/	Pass
				10	4.0	-1.960	-0.0011	/	Pass
				30	4.0	-1.216	-0.0007	/	Pass
				40	4.0	-0.644	-0.0004	/	Pass
				50	4.0	-0.014	0.0000	/	Pass
	1747.5	75	0	20	3.55	-0.701	-0.0004	/	Pass
					4.0	-1.259	-0.0007	/	Pass
					4.4	-1.731	-0.0010	/	Pass
				-30	4.0	-2.418	-0.0014	/	Pass
				-20	4.0	-0.644	-0.0004	/	Pass
				-10	4.0	-1.574	-0.0009	/	Pass
				0	4.0	-1.502	-0.0009	/	Pass
				10	4.0	-1.287	-0.0007	/	Pass
				30	4.0	-1.101	-0.0006	/	Pass
				40	4.0	-1.187	-0.0007	/	Pass
				50	4.0	-1.616	-0.0009	/	Pass
16QAM	1717.5	75	0	20	3.55	-1.502	-0.0009	/	Pass
					4.0	-1.030	-0.0006	/	Pass
					4.4	-1.802	-0.0010	/	Pass
				-30	4.0	-0.787	-0.0005	/	Pass
				-20	4.0	-1.817	-0.0011	/	Pass
				-10	4.0	-1.287	-0.0007	/	Pass
				0	4.0	-1.945	-0.0011	/	Pass
				10	4.0	-1.760	-0.0010	/	Pass
				30	4.0	-1.202	-0.0007	/	Pass
				40	4.0	-2.046	-0.0012	/	Pass
				50	4.0	-1.173	-0.0007	/	Pass
	1732.5	75	0	20	3.55	-1.016	-0.0006	/	Pass
					4.0	-1.802	-0.0010	/	Pass
					4.4	-1.373	-0.0008	/	Pass

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				-30	4.0	-1.330	-0.0008	/	Pass
				-20	4.0	-0.558	-0.0003	/	Pass
				-10	4.0	-0.229	-0.0001	/	Pass
				0	4.0	-0.715	-0.0004	/	Pass
				10	4.0	-0.858	-0.0005	/	Pass
				30	4.0	-1.588	-0.0009	/	Pass
				40	4.0	-0.129	-0.0001	/	Pass
				50	4.0	-0.973	-0.0006	/	Pass
	1747.5	75	0	20	3.55	-2.704	-0.0015	/	Pass
					4.0	-1.116	-0.0006	/	Pass
					4.4	-0.730	-0.0004	/	Pass
				-30	4.0	-1.273	-0.0007	/	Pass
				-20	4.0	0.072	0.0000	/	Pass
				-10	4.0	-2.117	-0.0012	/	Pass
				0	4.0	-1.502	-0.0009	/	Pass
				10	4.0	-1.945	-0.0011	/	Pass
				30	4.0	-1.016	-0.0006	/	Pass
				40	4.0	-1.001	-0.0006	/	Pass
				50	4.0	-1.159	-0.0007	/	Pass
64QAM	1717.5	75	0	20	3.55	-0.641	-0.0004	/	Pass
					4.0	-1.556	-0.0009	/	Pass
					4.4	-0.489	-0.0003	/	Pass
				-30	4.0	-1.033	-0.0006	/	Pass
				-20	4.0	-1.318	-0.0008	/	Pass
				-10	4.0	0.764	0.0004	/	Pass
				0	4.0	-0.714	-0.0004	/	Pass
				10	4.0	-0.351	-0.0002	/	Pass
				30	4.0	-1.643	-0.0010	/	Pass
				40	4.0	-0.646	-0.0004	/	Pass
				50	4.0	-0.442	-0.0003	/	Pass
	1732.5	75	0	20	3.55	-1.798	-0.0010	/	Pass
					4.0	-1.259	-0.0007	/	Pass
					4.4	0.098	0.0001	/	Pass
				-30	4.0	-1.208	-0.0007	/	Pass
				-20	4.0	0.137	0.0001	/	Pass
				-10	4.0	-1.506	-0.0009	/	Pass
				0	4.0	-1.654	-0.0010	/	Pass
				10	4.0	-1.742	-0.0010	/	Pass
				30	4.0	-1.528	-0.0009	/	Pass
				40	4.0	-1.423	-0.0008	/	Pass
				50	4.0	-0.860	-0.0005	/	Pass
	1747.5	75	0	20	3.55	0.354	0.0002	/	Pass
					4.0	-0.899	-0.0005	/	Pass
					4.4	-0.093	-0.0001	/	Pass
				-30	4.0	-1.483	-0.0008	/	Pass
				-20	4.0	-0.935	-0.0005	/	Pass
				-10	4.0	-1.146	-0.0007	/	Pass
				0	4.0	-0.252	-0.0001	/	Pass

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				10	4.0	-0.801	-0.0005	/	Pass
				30	4.0	-0.297	-0.0002	/	Pass
				40	4.0	-0.380	-0.0002	/	Pass
				50	4.0	-1.672	-0.0010	/	Pass
256QAM	1717.5	75	0	20	3.55	-1.664	-0.0010	/	Pass
					4.0	-0.542	-0.0003	/	Pass
					4.4	-1.321	-0.0008	/	Pass
				-30	4.0	-0.182	-0.0001	/	Pass
				-20	4.0	-2.215	-0.0013	/	Pass
				-10	4.0	-1.103	-0.0006	/	Pass
				0	4.0	-0.831	-0.0005	/	Pass
				10	4.0	-0.214	-0.0001	/	Pass
				30	4.0	-2.428	-0.0014	/	Pass
				40	4.0	-2.382	-0.0014	/	Pass
				50	4.0	-1.601	-0.0009	/	Pass
	1732.5	75	0	20	3.55	-0.749	-0.0004	/	Pass
					4.0	-0.096	-0.0001	/	Pass
					4.4	-0.137	-0.0001	/	Pass
				-30	4.0	-0.259	-0.0001	/	Pass
				-20	4.0	-0.020	0.0000	/	Pass
				-10	4.0	-0.499	-0.0003	/	Pass
				0	4.0	-1.873	-0.0011	/	Pass
				10	4.0	-0.966	-0.0006	/	Pass
				30	4.0	-0.316	-0.0002	/	Pass
				40	4.0	0.167	0.0001	/	Pass
				50	4.0	-0.474	-0.0003	/	Pass
	1747.5	75	0	20	3.55	-2.285	-0.0013	/	Pass
					4.0	-0.917	-0.0005	/	Pass
					4.4	-0.243	-0.0001	/	Pass
				-30	4.0	-0.418	-0.0002	/	Pass
				-20	4.0	0.673	0.0004	/	Pass
				-10	4.0	-0.546	-0.0003	/	Pass
				0	4.0	-0.719	-0.0004	/	Pass
				10	4.0	-0.690	-0.0004	/	Pass
				30	4.0	-0.326	-0.0002	/	Pass
				40	4.0	-2.123	-0.0012	/	Pass
				50	4.0	-0.670	-0.0004	/	Pass

2.6 B4_20MHz

2.6.1 Test Result

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	3.55	0.043	0.0000	/	Pass

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					4.0	-1.373	-0.0008	/	Pass
					4.4	-1.402	-0.0008	/	Pass
				-30	4.0	-1.159	-0.0007	/	Pass
				-20	4.0	-1.516	-0.0009	/	Pass
				-10	4.0	-0.043	0.0000	/	Pass
				0	4.0	-1.631	-0.0009	/	Pass
				10	4.0	-1.302	-0.0008	/	Pass
				30	4.0	-0.229	-0.0001	/	Pass
				40	4.0	-1.574	-0.0009	/	Pass
				50	4.0	-1.016	-0.0006	/	Pass
	1732.5	100	0	20	3.55	-0.844	-0.0005	/	Pass
					4.0	-1.001	-0.0006	/	Pass
					4.4	-0.343	-0.0002	/	Pass
				-30	4.0	-1.445	-0.0008	/	Pass
				-20	4.0	-1.402	-0.0008	/	Pass
				-10	4.0	-1.502	-0.0009	/	Pass
				0	4.0	-0.587	-0.0003	/	Pass
				10	4.0	-0.687	-0.0004	/	Pass
				30	4.0	-1.273	-0.0007	/	Pass
				40	4.0	-0.973	-0.0006	/	Pass
				50	4.0	-1.717	-0.0010	/	Pass
	1745	100	0	20	3.55	-0.486	-0.0003	/	Pass
					4.0	-0.744	-0.0004	/	Pass
					4.4	-0.730	-0.0004	/	Pass
				-30	4.0	-1.488	-0.0009	/	Pass
				-20	4.0	-0.372	-0.0002	/	Pass
				-10	4.0	-1.230	-0.0007	/	Pass
				0	4.0	-1.760	-0.0010	/	Pass
				10	4.0	0.401	0.0002	/	Pass
				30	4.0	-0.386	-0.0002	/	Pass
				40	4.0	-0.730	-0.0004	/	Pass
				50	4.0	-1.931	-0.0011	/	Pass
16QAM	1720	100	0	20	3.55	-1.845	-0.0011	/	Pass
					4.0	-1.616	-0.0009	/	Pass
					4.4	-1.259	-0.0007	/	Pass
				-30	4.0	-2.160	-0.0013	/	Pass
				-20	4.0	-1.359	-0.0008	/	Pass
				-10	4.0	-1.144	-0.0007	/	Pass
				0	4.0	-1.631	-0.0009	/	Pass
				10	4.0	-1.302	-0.0008	/	Pass
				30	4.0	-2.403	-0.0014	/	Pass
				40	4.0	-2.518	-0.0015	/	Pass
				50	4.0	-1.917	-0.0011	/	Pass
	1732.5	100	0	20	3.55	-1.445	-0.0008	/	Pass
					4.0	-0.715	-0.0004	/	Pass
					4.4	-1.273	-0.0007	/	Pass
				-30	4.0	-1.760	-0.0010	/	Pass
				-20	4.0	-0.844	-0.0005	/	Pass

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				-10	4.0	-1.488	-0.0009	/	Pass
				0	4.0	-1.216	-0.0007	/	Pass
				10	4.0	-1.874	-0.0011	/	Pass
				30	4.0	-1.087	-0.0006	/	Pass
				40	4.0	-1.602	-0.0009	/	Pass
				50	4.0	-1.903	-0.0011	/	Pass
	1745	100	0	20	3.55	-1.388	-0.0008	/	Pass
					4.0	-0.629	-0.0004	/	Pass
					4.4	-0.300	-0.0002	/	Pass
				-30	4.0	-0.415	-0.0002	/	Pass
				-20	4.0	-0.029	0.0000	/	Pass
				-10	4.0	0.157	0.0001	/	Pass
				0	4.0	-0.029	0.0000	/	Pass
				10	4.0	0.615	0.0004	/	Pass
				30	4.0	-1.330	-0.0008	/	Pass
				40	4.0	0.243	0.0001	/	Pass
				50	4.0	-0.529	-0.0003	/	Pass
64QAM	1720	100	0	20	3.55	-0.972	-0.0006	/	Pass
					4.0	-0.446	-0.0003	/	Pass
					4.4	0.221	0.0001	/	Pass
				-30	4.0	-1.564	-0.0009	/	Pass
				-20	4.0	0.161	0.0001	/	Pass
				-10	4.0	-0.787	-0.0005	/	Pass
				0	4.0	0.043	0.0000	/	Pass
				10	4.0	-0.882	-0.0005	/	Pass
				30	4.0	-0.833	-0.0005	/	Pass
				40	4.0	-0.063	0.0000	/	Pass
				50	4.0	-0.289	-0.0002	/	Pass
	1732.5	100	0	20	3.55	-1.337	-0.0008	/	Pass
					4.0	-0.777	-0.0004	/	Pass
					4.4	-0.319	-0.0002	/	Pass
				-30	4.0	-1.747	-0.0010	/	Pass
				-20	4.0	-0.542	-0.0003	/	Pass
				-10	4.0	-0.907	-0.0005	/	Pass
				0	4.0	-0.708	-0.0004	/	Pass
				10	4.0	-1.872	-0.0011	/	Pass
				30	4.0	-0.317	-0.0002	/	Pass
				40	4.0	-0.153	-0.0001	/	Pass
				50	4.0	-1.767	-0.0010	/	Pass
	1745	100	0	20	3.55	-1.234	-0.0007	/	Pass
					4.0	-0.592	-0.0003	/	Pass
					4.4	-1.566	-0.0009	/	Pass
				-30	4.0	-1.157	-0.0007	/	Pass
				-20	4.0	-0.006	0.0000	/	Pass
				-10	4.0	-0.930	-0.0005	/	Pass
				0	4.0	-0.223	-0.0001	/	Pass
				10	4.0	0.407	0.0002	/	Pass
				30	4.0	-0.767	-0.0004	/	Pass

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				40	4.0	0.512	0.0003	/	Pass
				50	4.0	-0.836	-0.0005	/	Pass
256QAM	1720	100	0	20	3.55	-0.807	-0.0005	/	Pass
					4.0	0.114	0.0001	/	Pass
					4.4	-0.219	-0.0001	/	Pass
				-30	4.0	-1.104	-0.0006	/	Pass
				-20	4.0	-0.844	-0.0005	/	Pass
				-10	4.0	-1.077	-0.0006	/	Pass
				0	4.0	-0.355	-0.0002	/	Pass
				10	4.0	-1.015	-0.0006	/	Pass
				30	4.0	-1.147	-0.0007	/	Pass
				40	4.0	-1.302	-0.0008	/	Pass
				50	4.0	-1.839	-0.0011	/	Pass
	1732.5	100	0	20	3.55	0.087	0.0001	/	Pass
					4.0	-2.070	-0.0012	/	Pass
					4.4	-0.217	-0.0001	/	Pass
				-30	4.0	-1.399	-0.0008	/	Pass
				-20	4.0	-0.459	-0.0003	/	Pass
				-10	4.0	0.197	0.0001	/	Pass
				0	4.0	-0.737	-0.0004	/	Pass
				10	4.0	-1.180	-0.0007	/	Pass
				30	4.0	-0.568	-0.0003	/	Pass
				40	4.0	-0.367	-0.0002	/	Pass
				50	4.0	-1.026	-0.0006	/	Pass
	1745	100	0	20	3.55	0.100	0.0001	/	Pass
					4.0	0.279	0.0002	/	Pass
					4.4	-0.556	-0.0003	/	Pass
				-30	4.0	-0.557	-0.0003	/	Pass
				-20	4.0	-0.067	0.0000	/	Pass
				-10	4.0	0.365	0.0002	/	Pass
				0	4.0	-0.189	-0.0001	/	Pass
				10	4.0	-0.653	-0.0004	/	Pass
				30	4.0	-1.023	-0.0006	/	Pass
				40	4.0	0.535	0.0003	/	Pass
				50	4.0	-0.815	-0.0005	/	Pass

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3. 99% & 26dB Bandwidth

3.1 Band4_OBW

3.1.1 Test Result

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	1.100	/	Pass
		1732.5	6	0	1.110	/	Pass
		1754.3	6	0	1.096	/	Pass
	16QAM	1710.7	6	0	1.105	/	Pass
		1732.5	6	0	1.107	/	Pass
		1754.3	6	0	1.109	/	Pass
	64QAM	1710.7	6	0	1.107	/	Pass
		1732.5	6	0	1.110	/	Pass
		1754.3	6	0	1.109	/	Pass
	256QAM	1710.7	6	0	1.100	/	Pass
		1732.5	6	0	1.096	/	Pass
		1754.3	6	0	1.106	/	Pass
3	QPSK	1711.5	15	0	2.738	/	Pass
		1732.5	15	0	2.755	/	Pass
		1753.5	15	0	2.743	/	Pass
	16QAM	1711.5	15	0	2.733	/	Pass
		1732.5	15	0	2.737	/	Pass
		1753.5	15	0	2.746	/	Pass
	64QAM	1711.5	15	0	2.733	/	Pass
		1732.5	15	0	2.747	/	Pass
		1753.5	15	0	2.742	/	Pass
	256QAM	1711.5	15	0	2.733	/	Pass
		1732.5	15	0	2.727	/	Pass
		1753.5	15	0	2.751	/	Pass
5	QPSK	1712.5	25	0	4.567	/	Pass
		1732.5	25	0	4.553	/	Pass
		1752.5	25	0	4.534	/	Pass
	16QAM	1712.5	25	0	4.535	/	Pass
		1732.5	25	0	4.551	/	Pass
		1752.5	25	0	4.568	/	Pass
	64QAM	1712.5	25	0	4.557	/	Pass
		1732.5	25	0	4.560	/	Pass
		1752.5	25	0	4.557	/	Pass
	256QAM	1712.5	25	0	4.566	/	Pass
		1732.5	25	0	4.567	/	Pass
		1752.5	25	0	4.558	/	Pass
10	QPSK	1715	50	0	9.051	/	Pass

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		1732.5	50	0	9.075	/	Pass
		1750	50	0	9.064	/	Pass
	16QAM	1715	50	0	9.076	/	Pass
		1732.5	50	0	9.057	/	Pass
		1750	50	0	9.038	/	Pass
	64QAM	1715	50	0	9.070	/	Pass
		1732.5	50	0	9.068	/	Pass
		1750	50	0	9.061	/	Pass
	256QAM	1715	50	0	9.043	/	Pass
		1732.5	50	0	9.095	/	Pass
		1750	50	0	9.062	/	Pass
15	QPSK	1717.5	75	0	13.543	/	Pass
		1732.5	75	0	13.561	/	Pass
		1747.5	75	0	13.567	/	Pass
	16QAM	1717.5	75	0	13.613	/	Pass
		1732.5	75	0	13.575	/	Pass
		1747.5	75	0	13.615	/	Pass
	64QAM	1717.5	75	0	13.567	/	Pass
		1732.5	75	0	13.601	/	Pass
		1747.5	75	0	13.548	/	Pass
	256QAM	1717.5	75	0	13.615	/	Pass
		1732.5	75	0	13.562	/	Pass
		1747.5	75	0	13.567	/	Pass
20	QPSK	1720	100	0	18.107	/	Pass
		1732.5	100	0	18.059	/	Pass
		1745	100	0	18.155	/	Pass
	16QAM	1720	100	0	18.134	/	Pass
		1732.5	100	0	18.113	/	Pass
		1745	100	0	18.136	/	Pass
	64QAM	1720	100	0	18.082	/	Pass
		1732.5	100	0	18.129	/	Pass
		1745	100	0	18.086	/	Pass
	256QAM	1720	100	0	18.104	/	Pass
		1732.5	100	0	18.117	/	Pass
		1745	100	0	18.082	/	Pass

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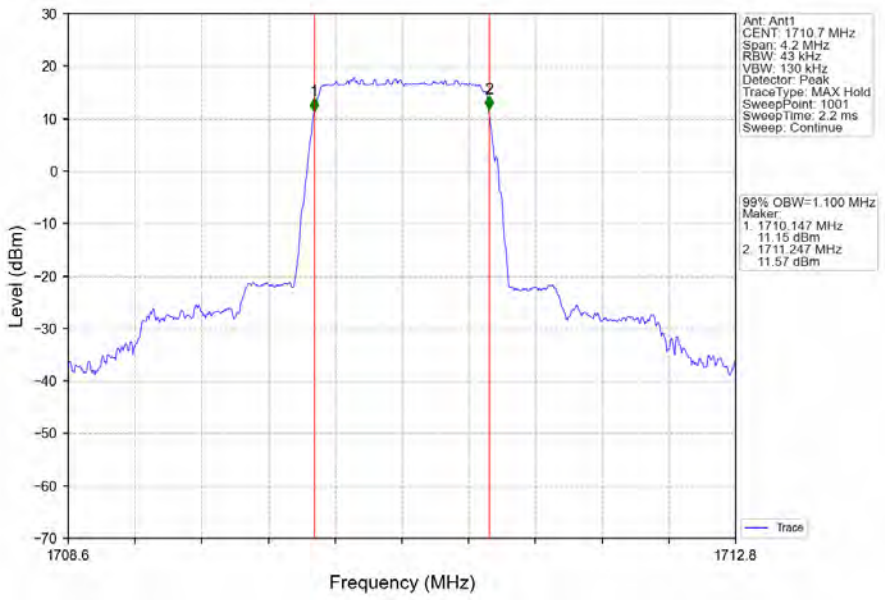
3.1.2 Test Graph

Band4_1.4MHz_QPSK_LCH_1710.7MHz_RB_6_0_NTNV



Band4_1.4MHz_QPSK_MCH_1732.5MHz_RB_6_0_NTNV

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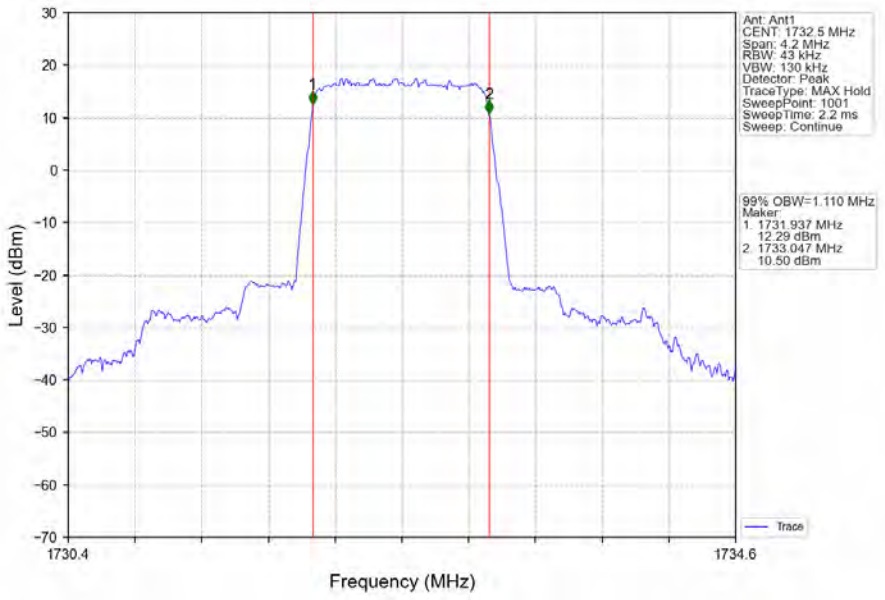

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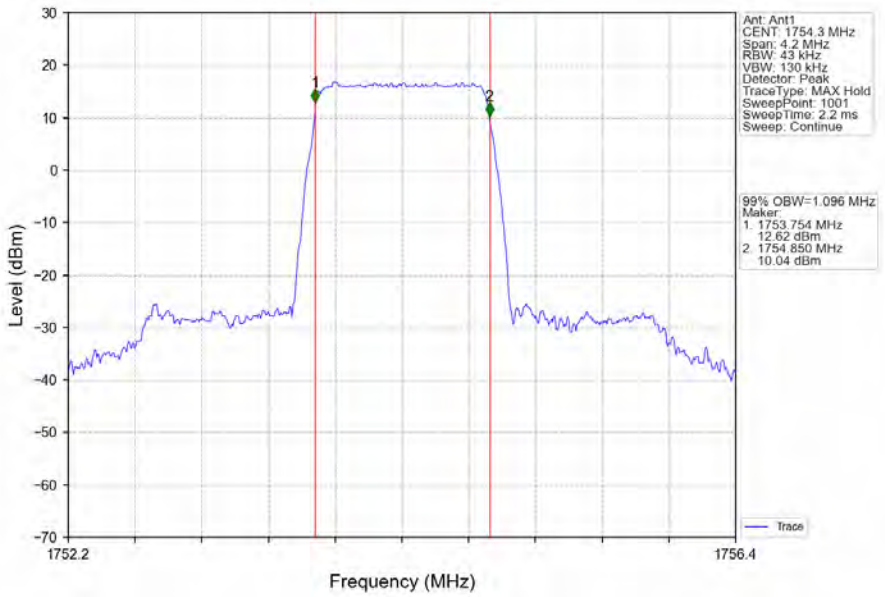
Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_6_0_NTNV



Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_6_0_NTNV

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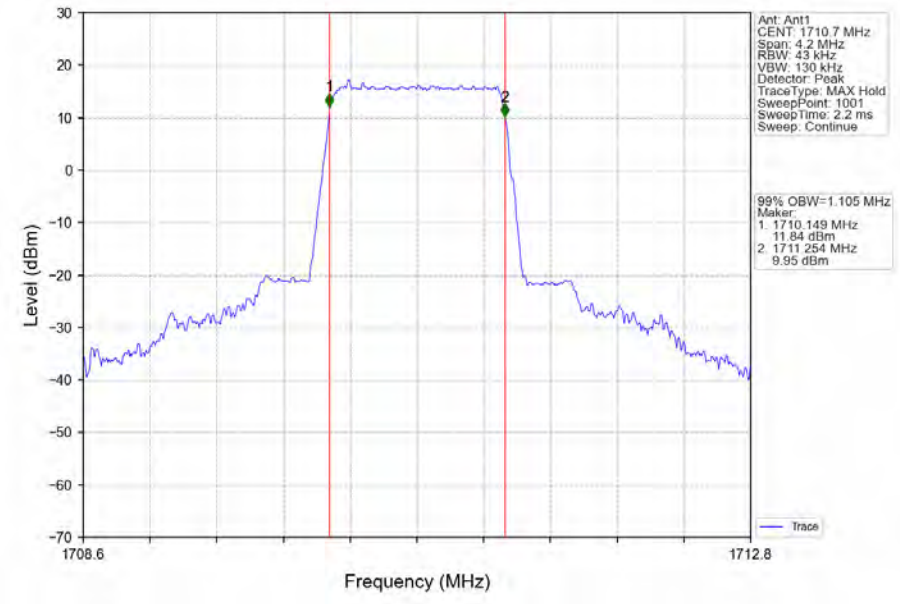

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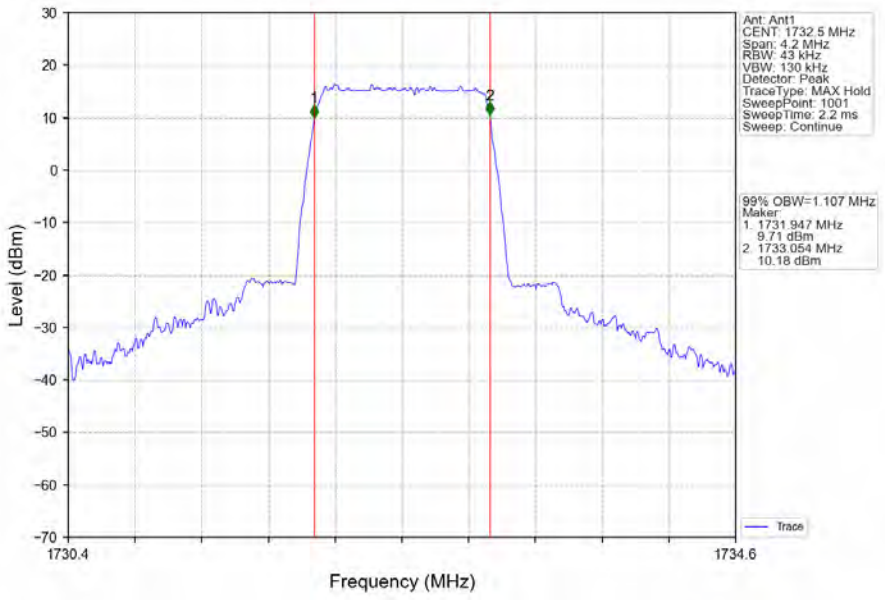
Band4_1.4MHz_16QAM_MCH_1732.5MHz_RB_6_0_NTNV



Band4_1.4MHz_16QAM_HCH_1754.3MHz_RB_6_0_NTNV

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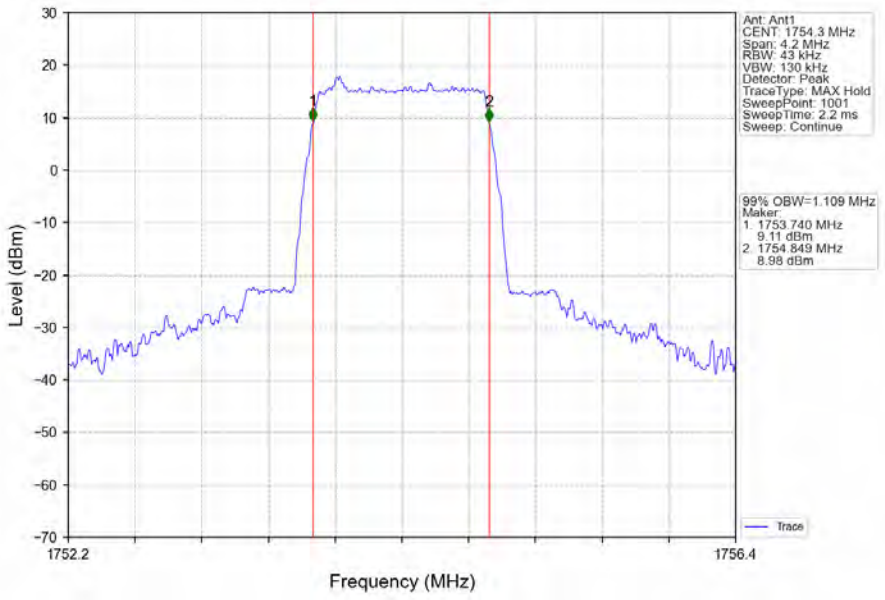

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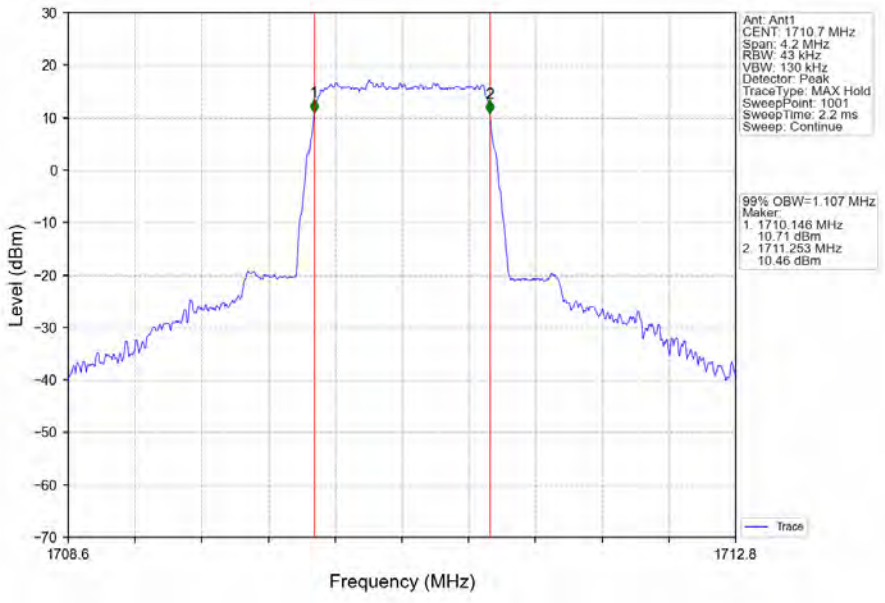
Band4_1.4MHz_64QAM_LCH_1710.7MHz_RB_6_0_NTNV



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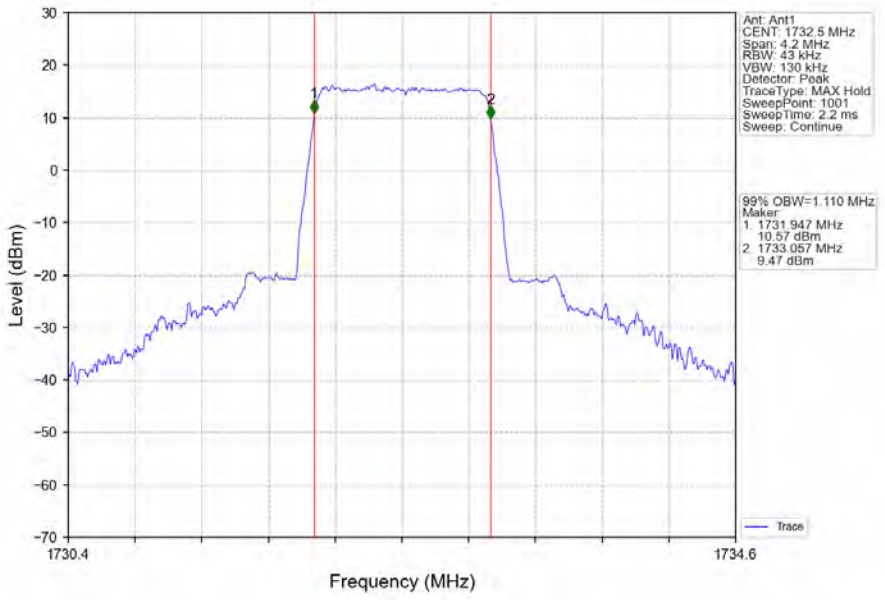

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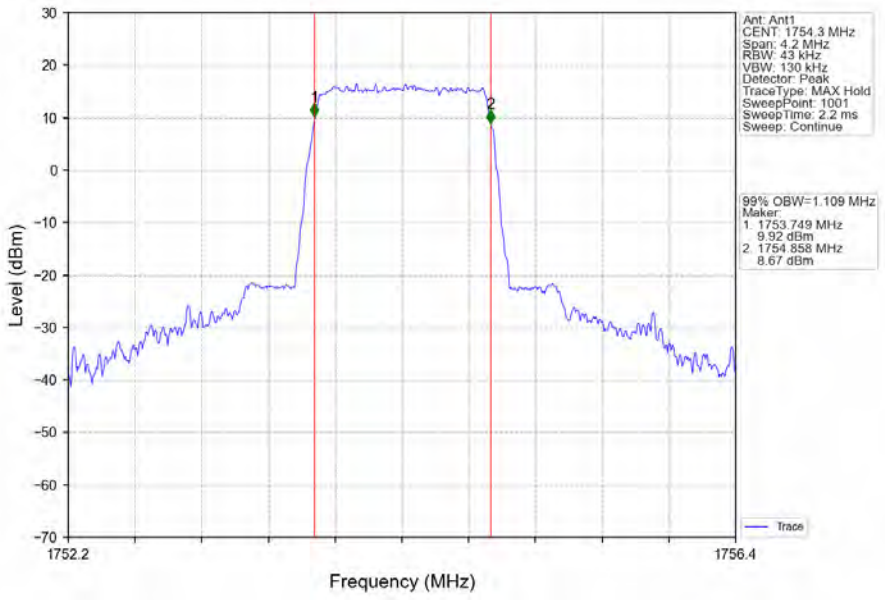

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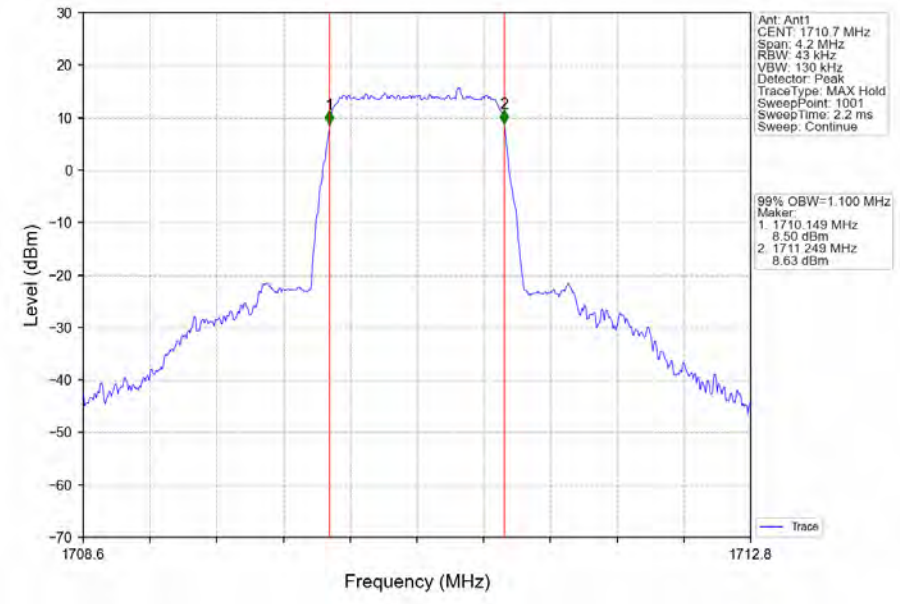

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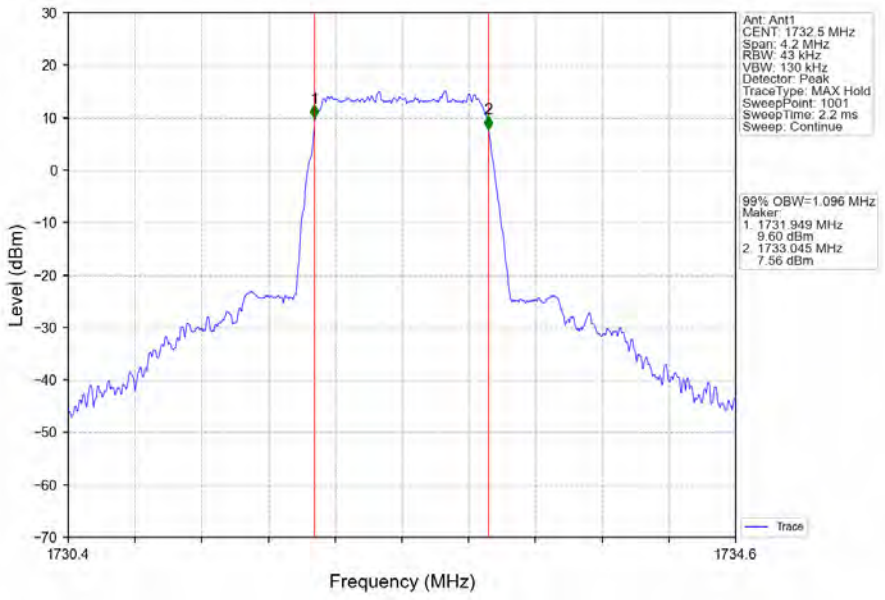

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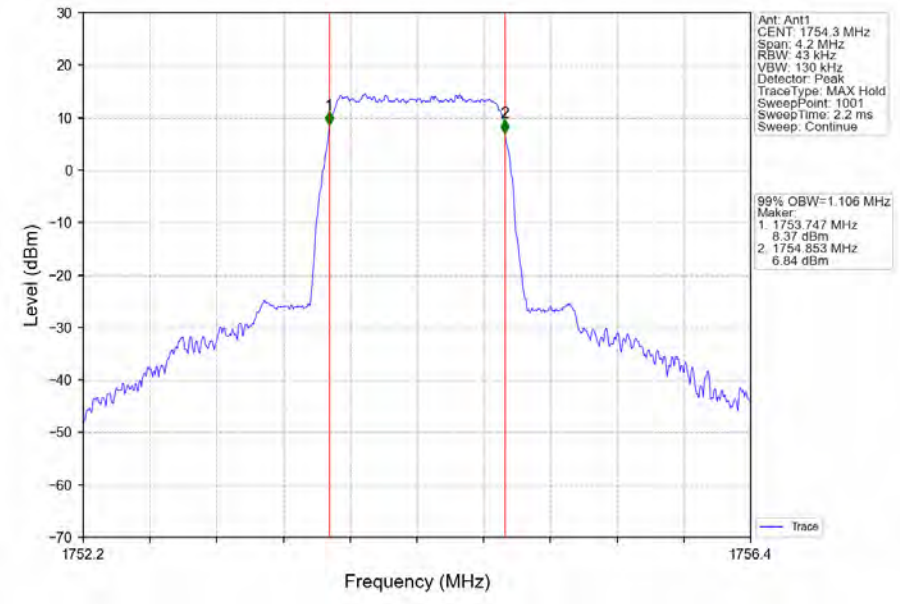

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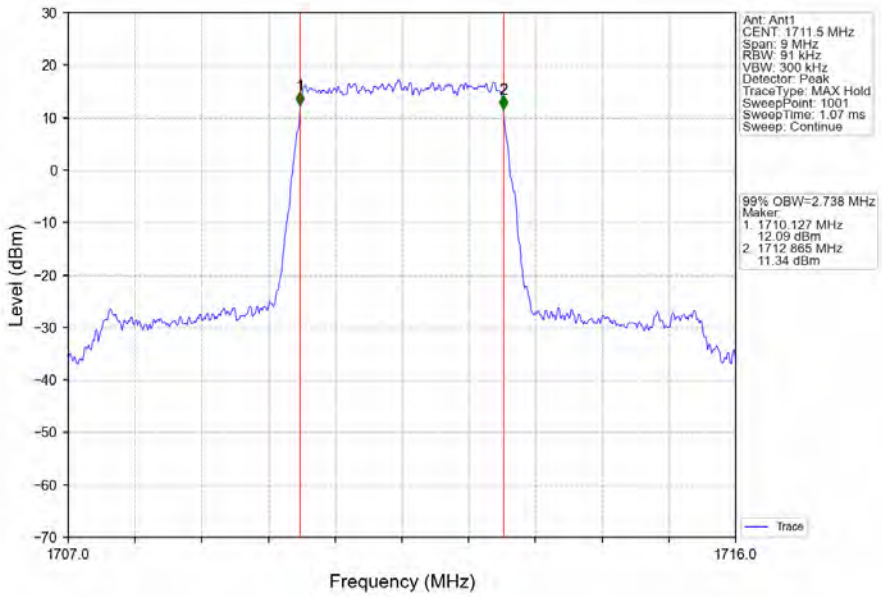
Band4_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV



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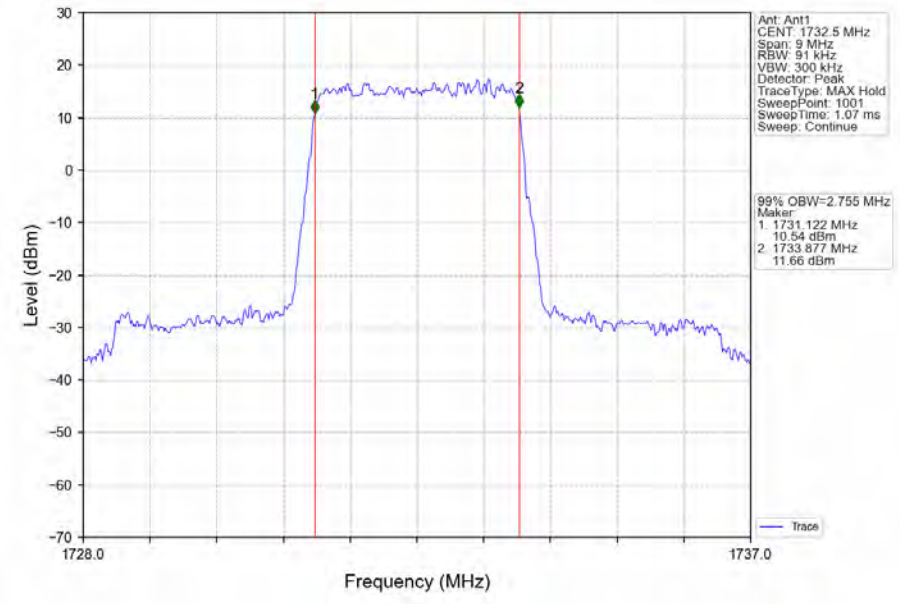

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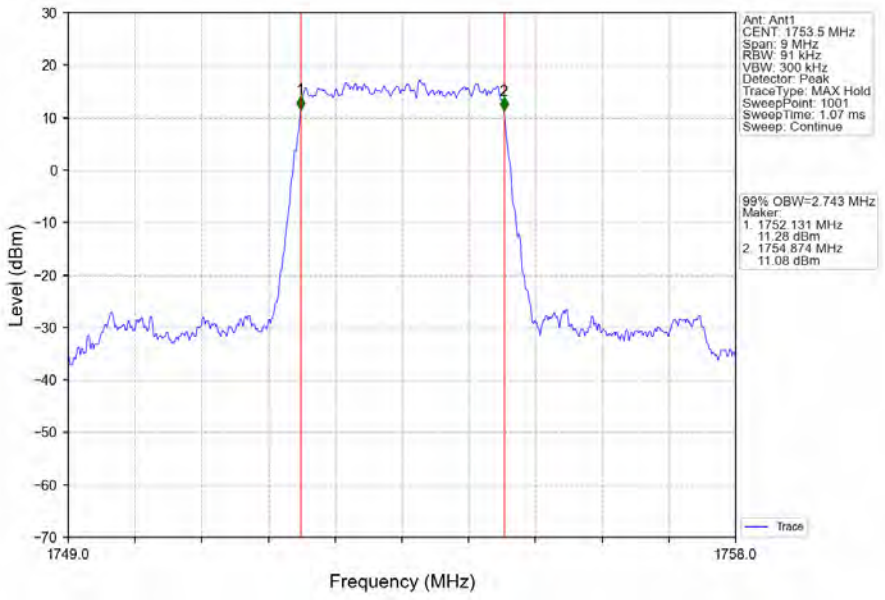

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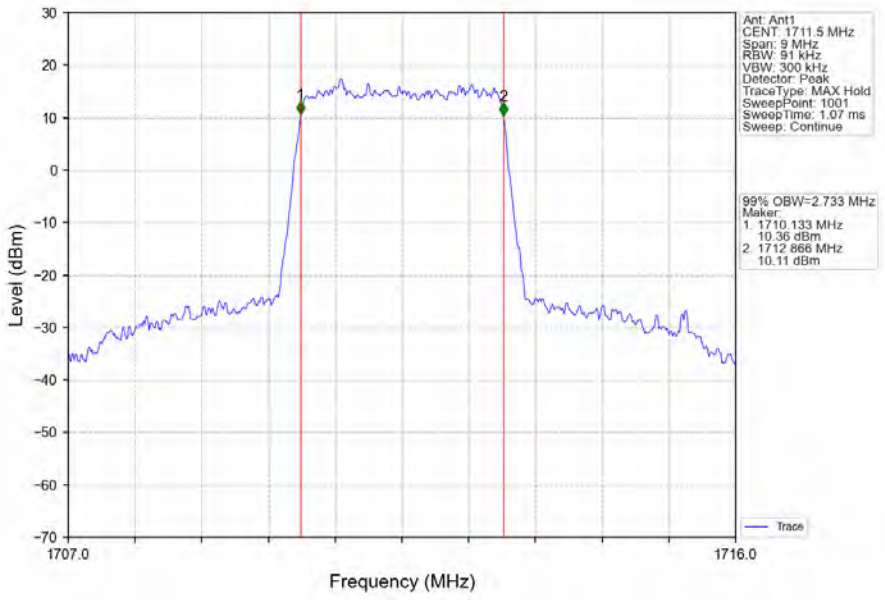

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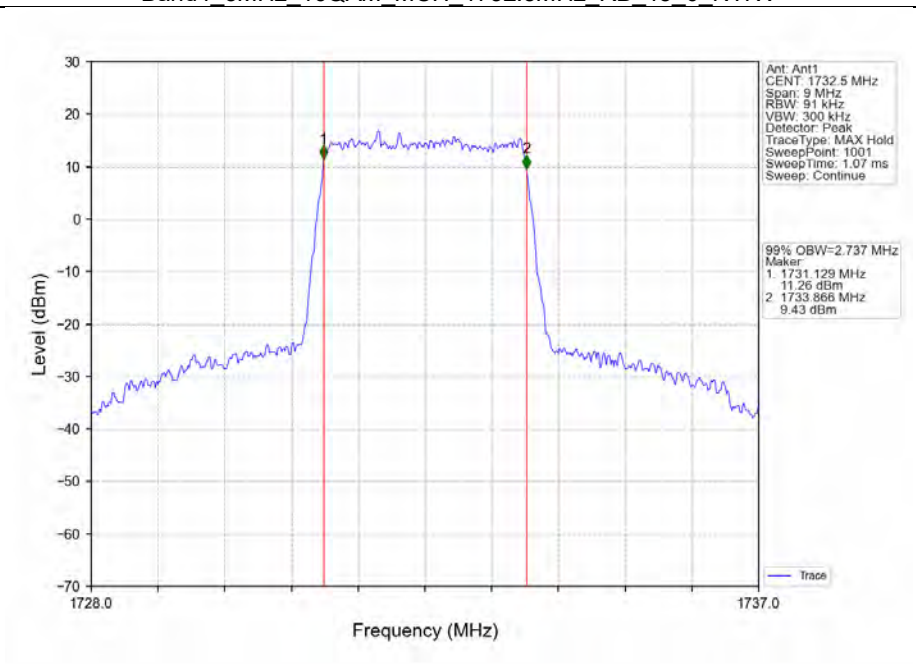

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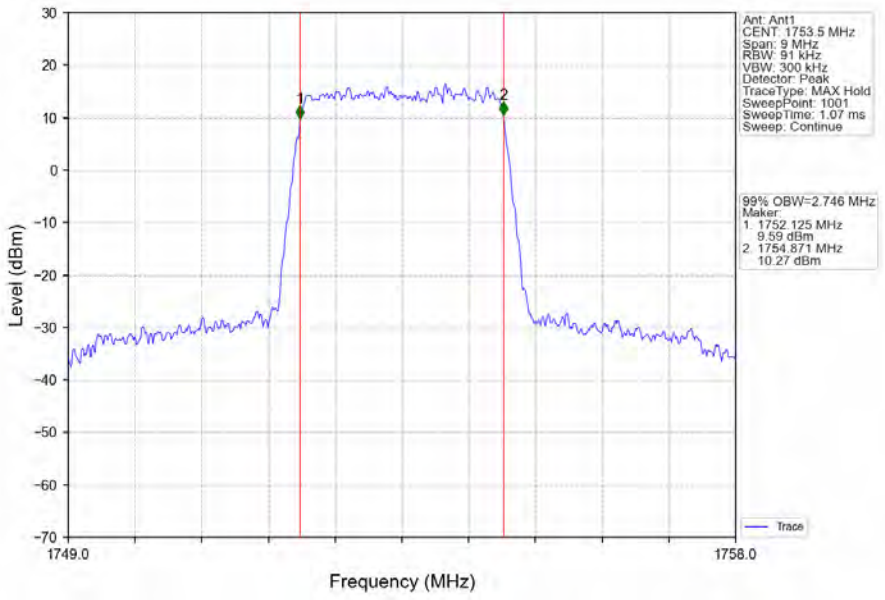

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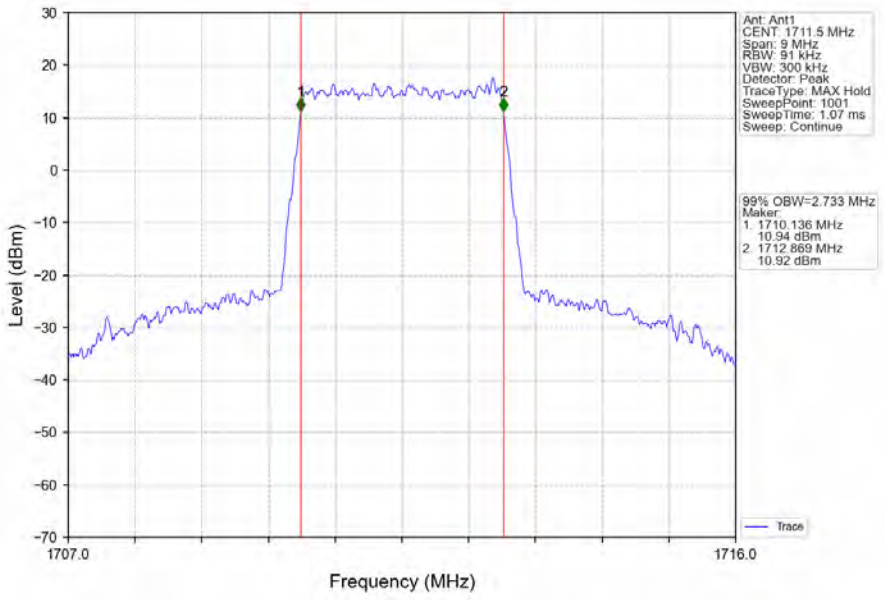
Band4_3MHz_64QAM_LCH_1711.5MHz_RB_15_0_NTNV



Band4_3MHz_64QAM_MCH_1732.5MHz_RB_15_0_NTNV

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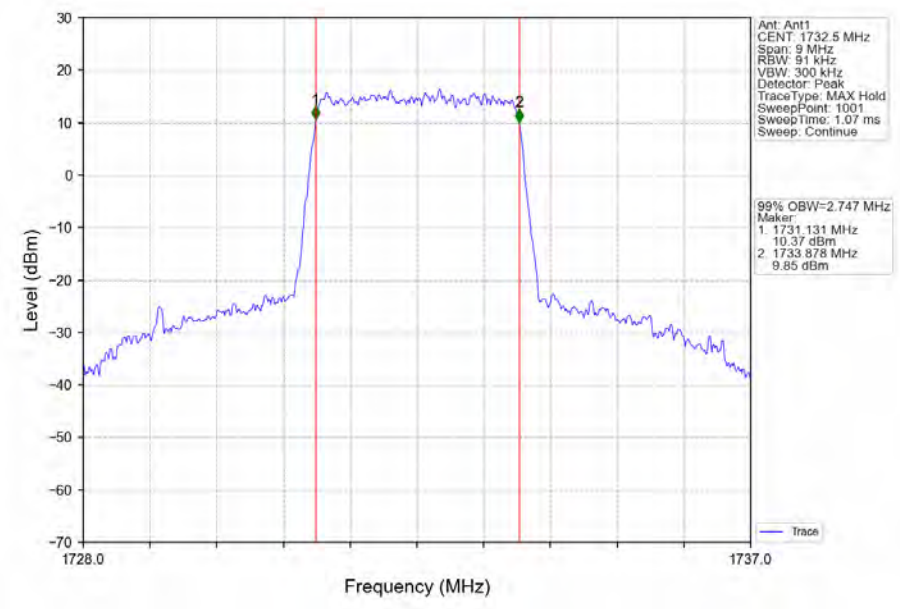

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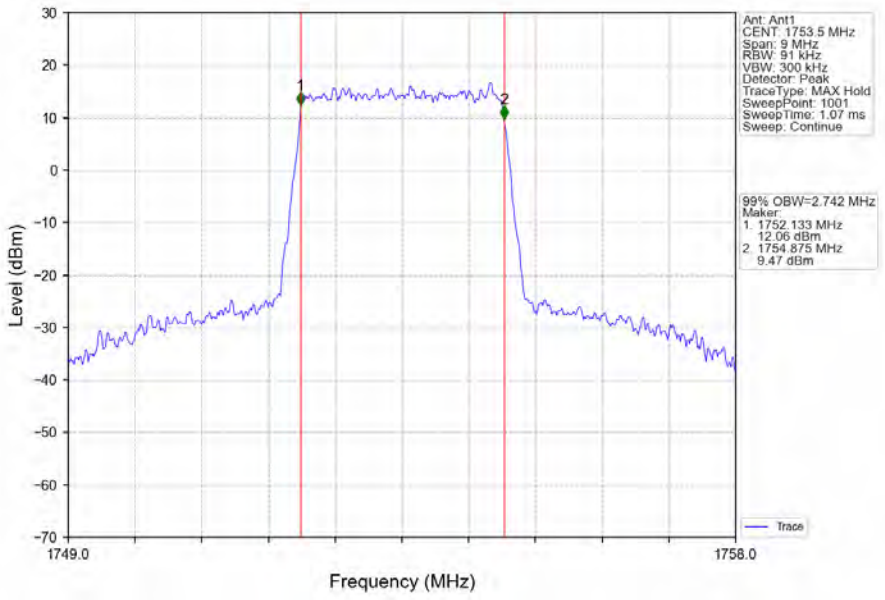
Band4_3MHz_64QAM_HCH_1753.5MHz_RB_15_0_NTNV



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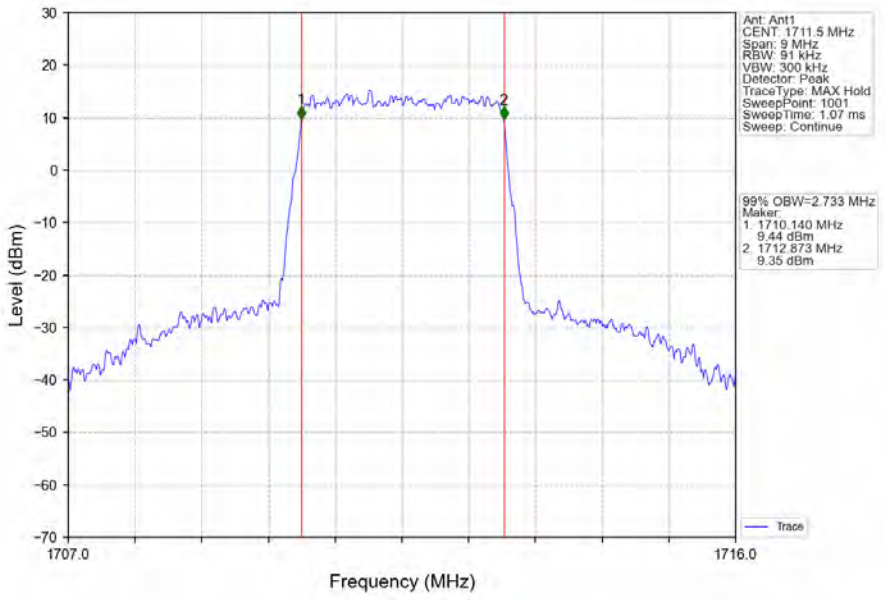

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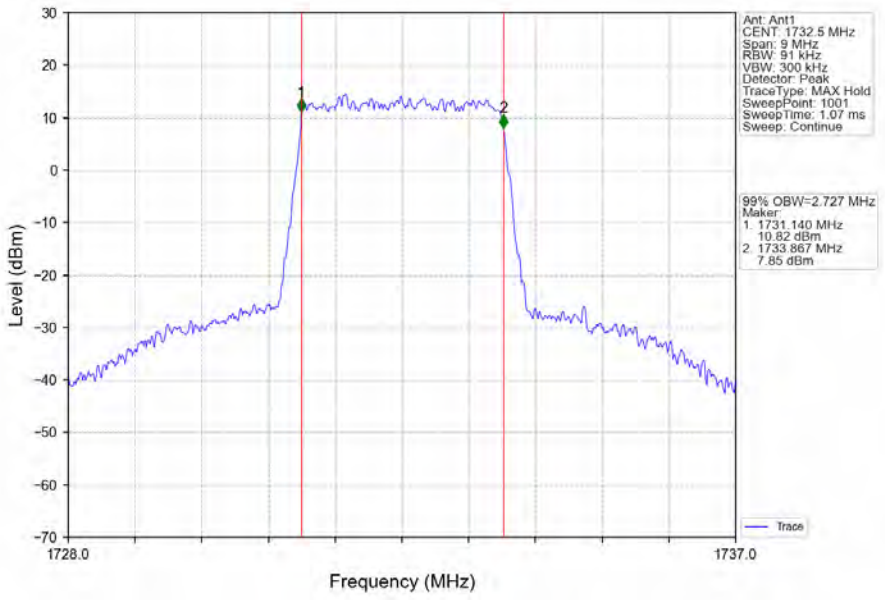
Band4_3MHz_256QAM_MCH_1732.5MHz_RB_15_0_NTNV



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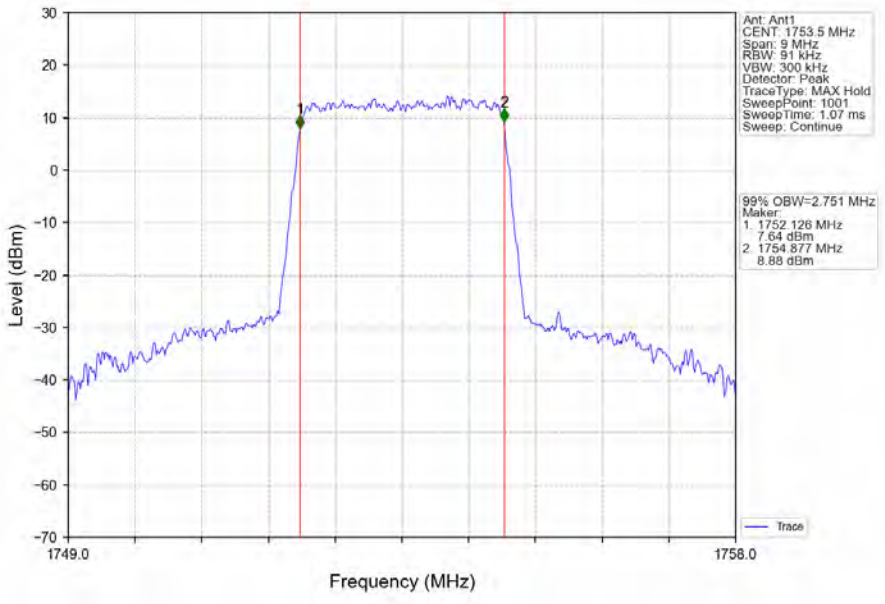

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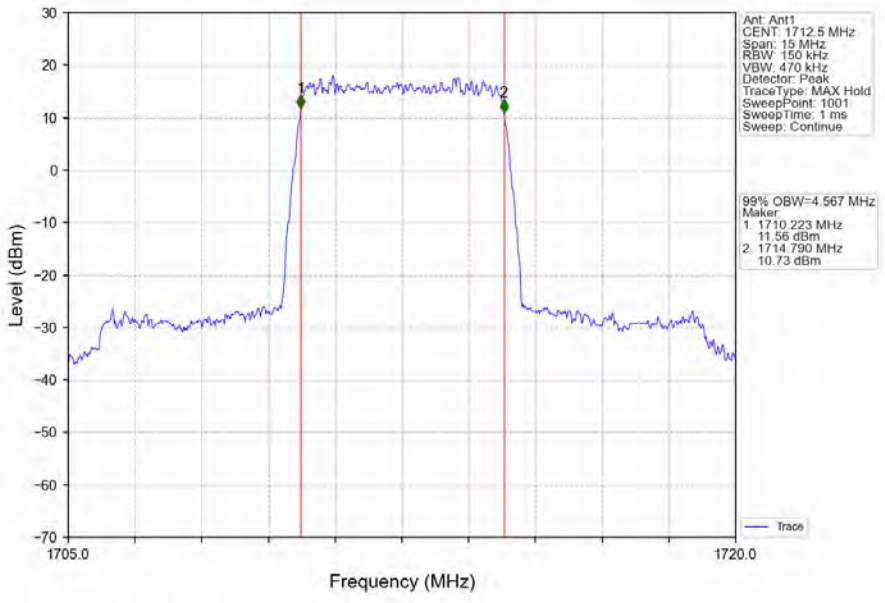
Band4_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV



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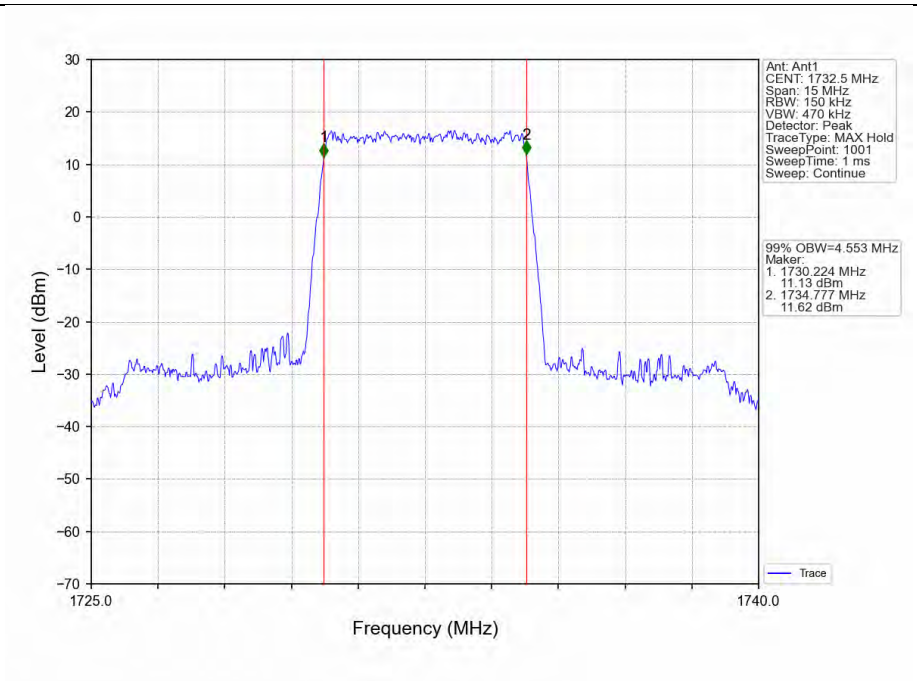

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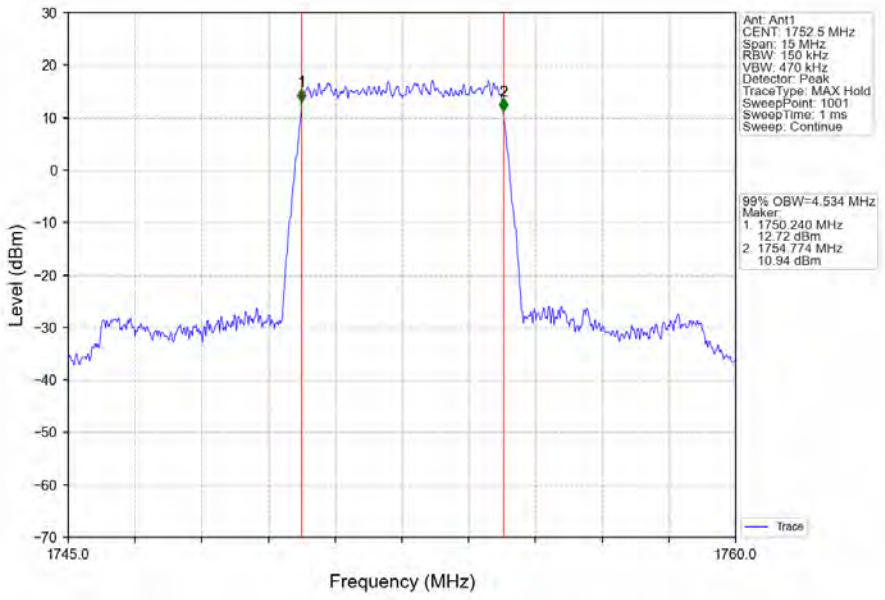

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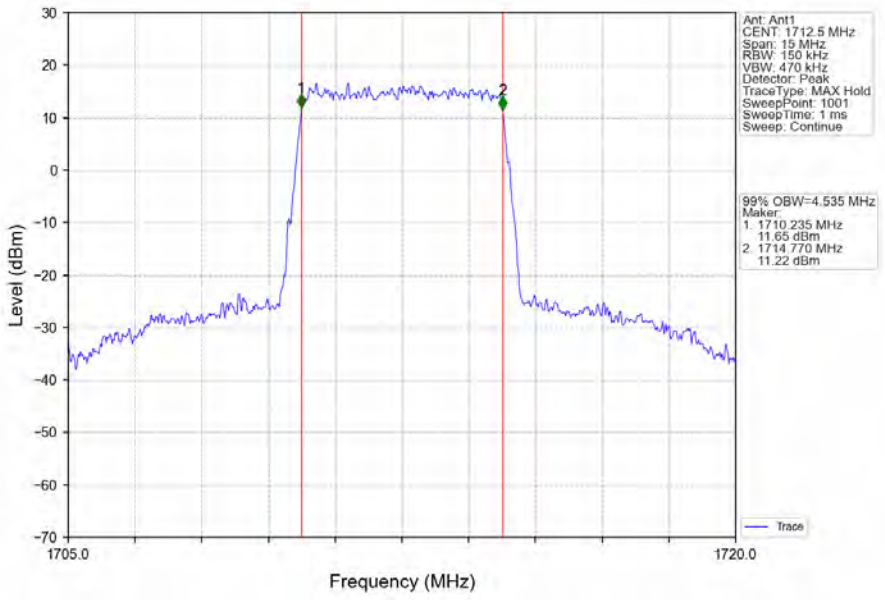

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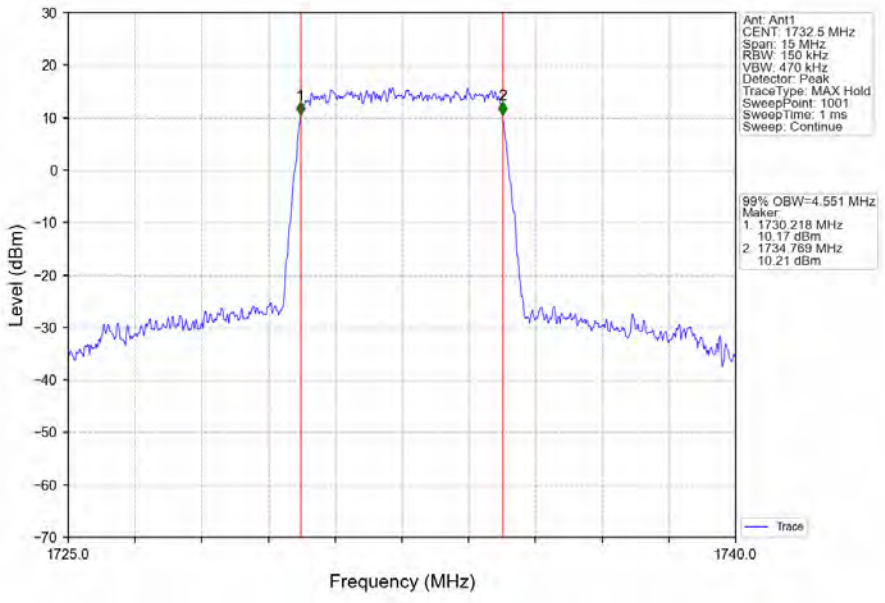

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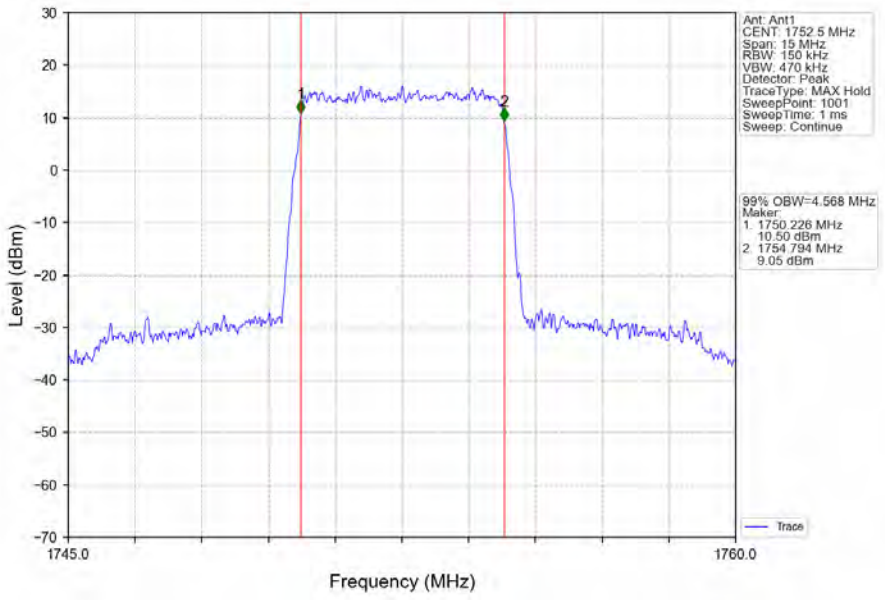

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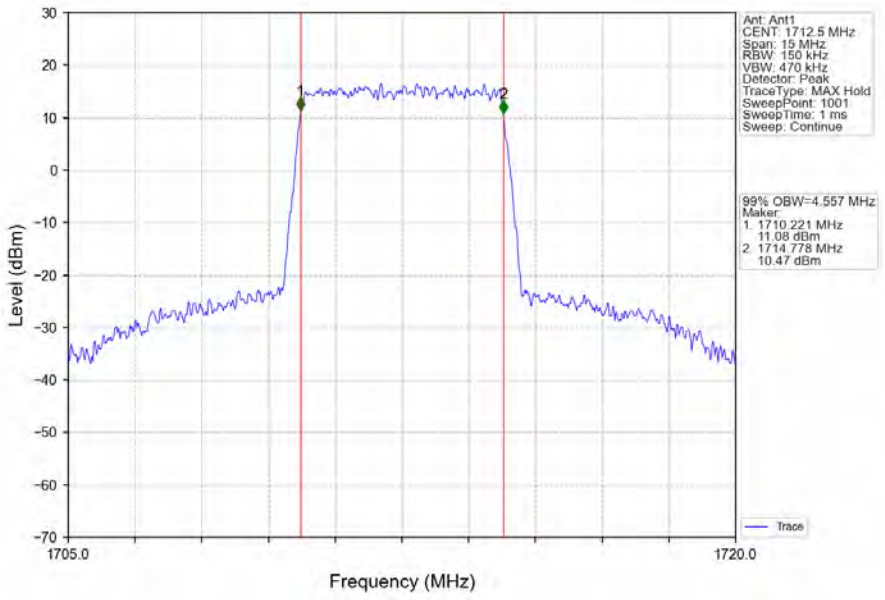

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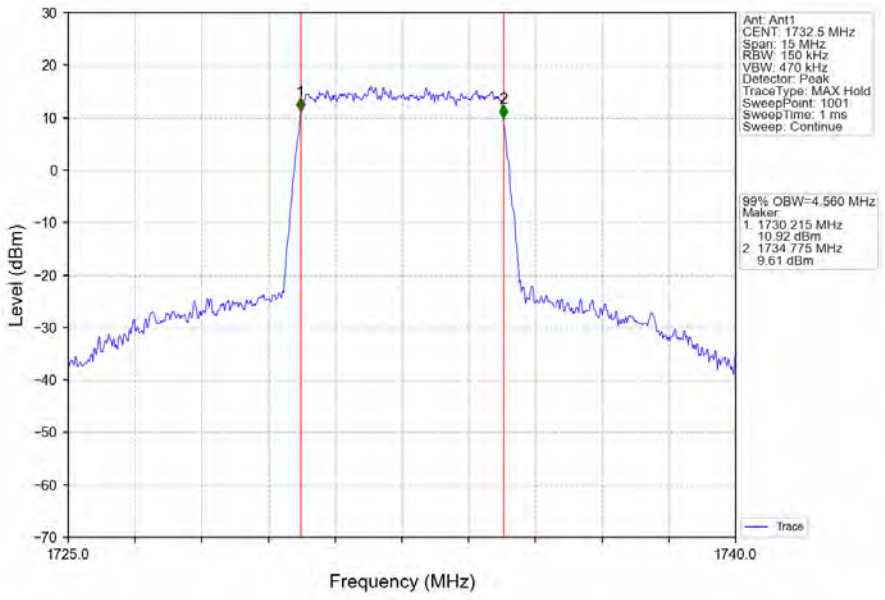

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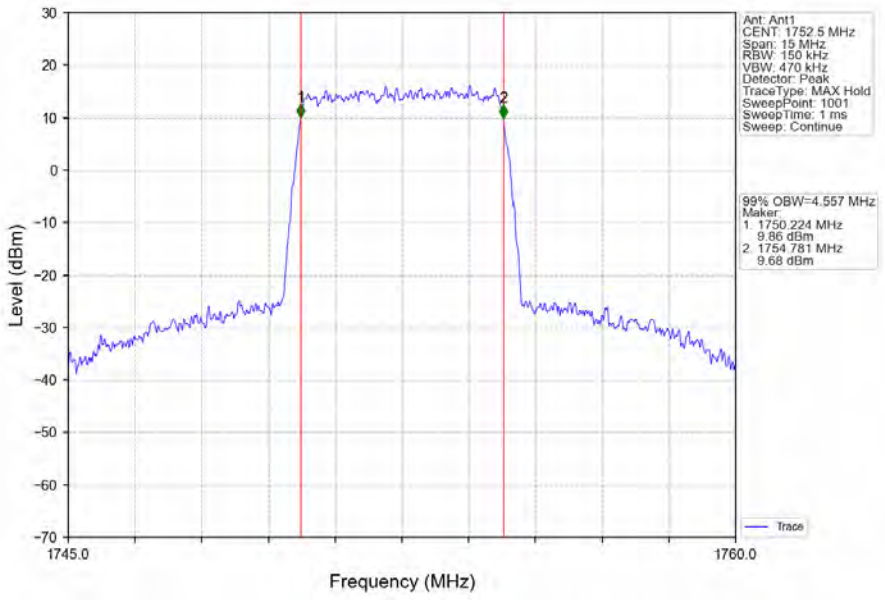
Band4_5MHz_64QAM_HCH_1752.5MHz_RB_25_0_NTNV



Band4_5MHz_256QAM_LCH_1712.5MHz_RB_25_0_NTNV

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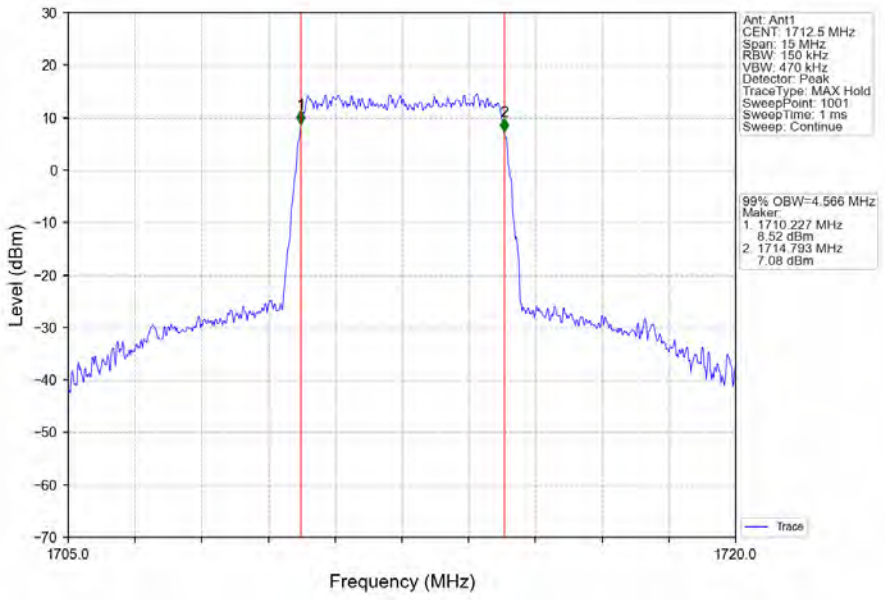

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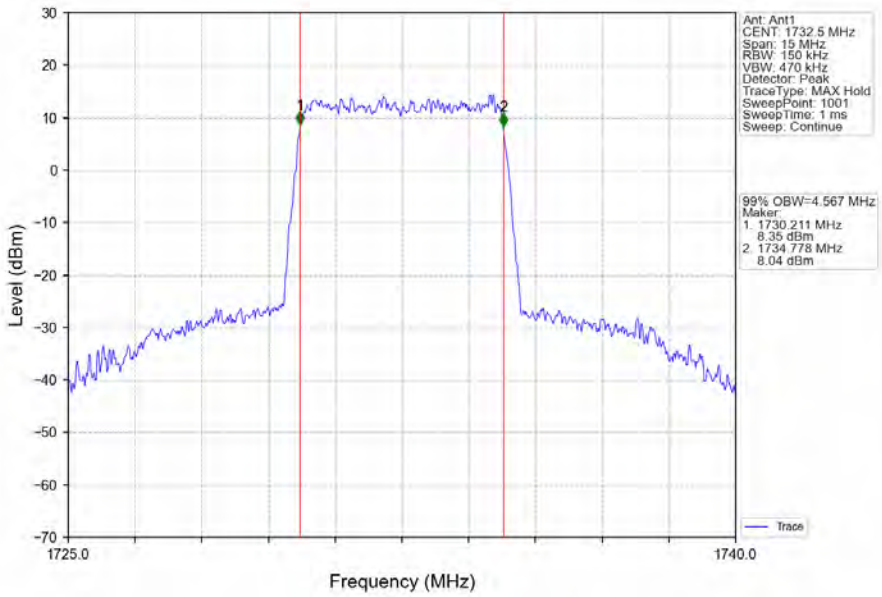
Band4_5MHz_256QAM_MCH_1732.5MHz_RB_25_0_NTNV



Band4_5MHz_256QAM_HCH_1752.5MHz_RB_25_0_NTNV

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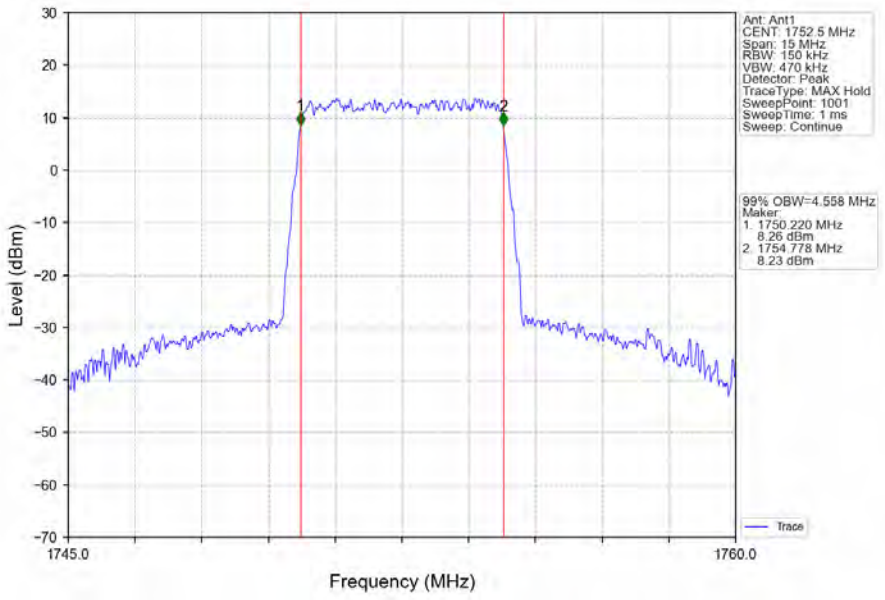

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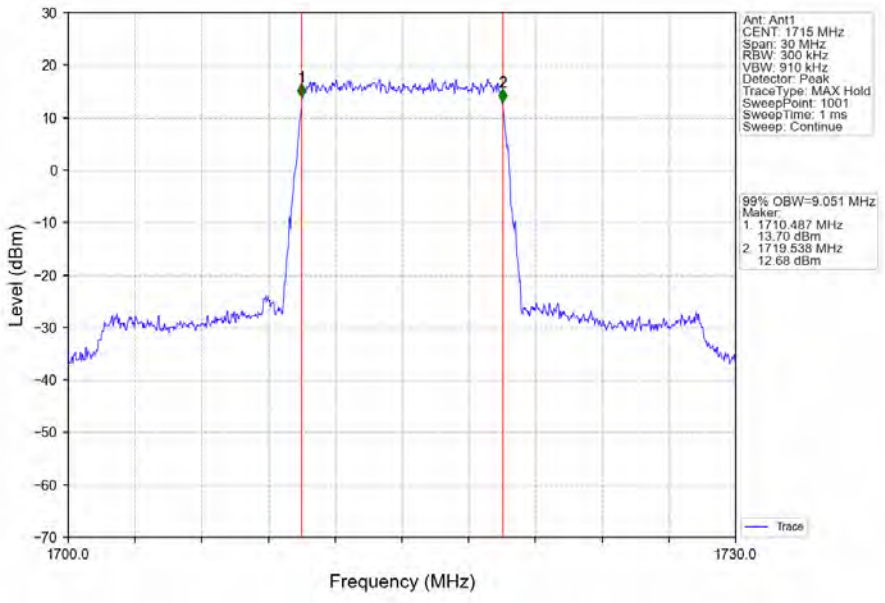
Band4_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV



Band4_10MHz_QPSK_MCH_1732.5MHz_RB_50_0_NTNV

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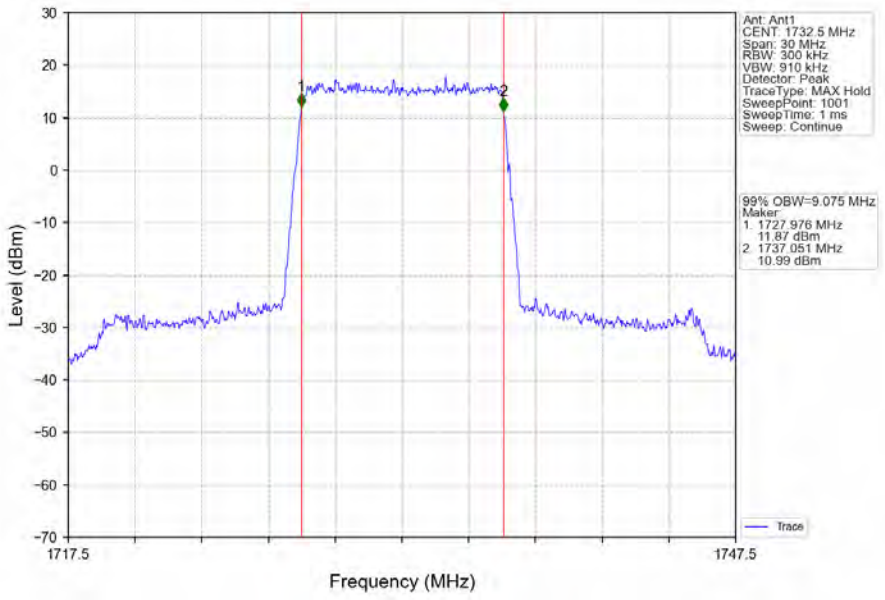

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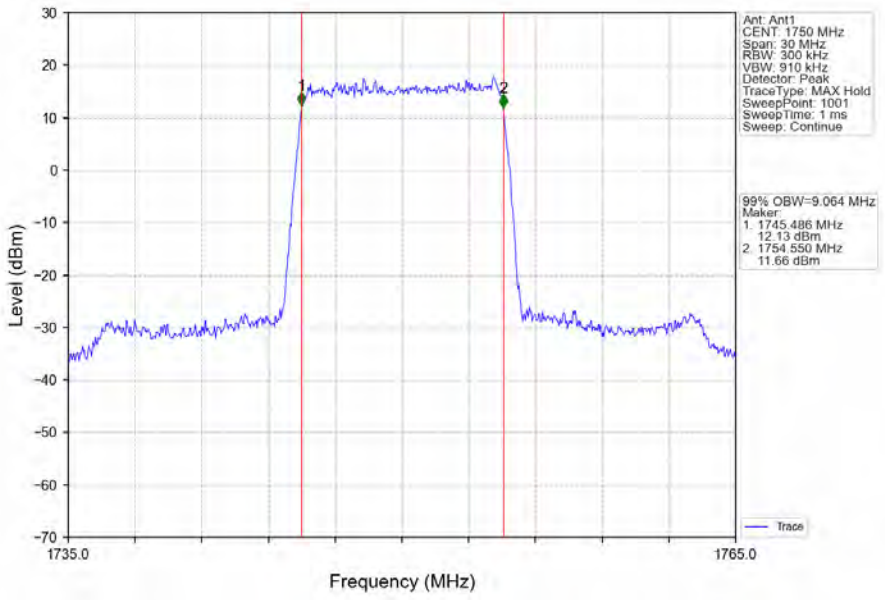

Band4_10MHz_16QAM_LCH_1715MHz_RB_50_0_NTNV

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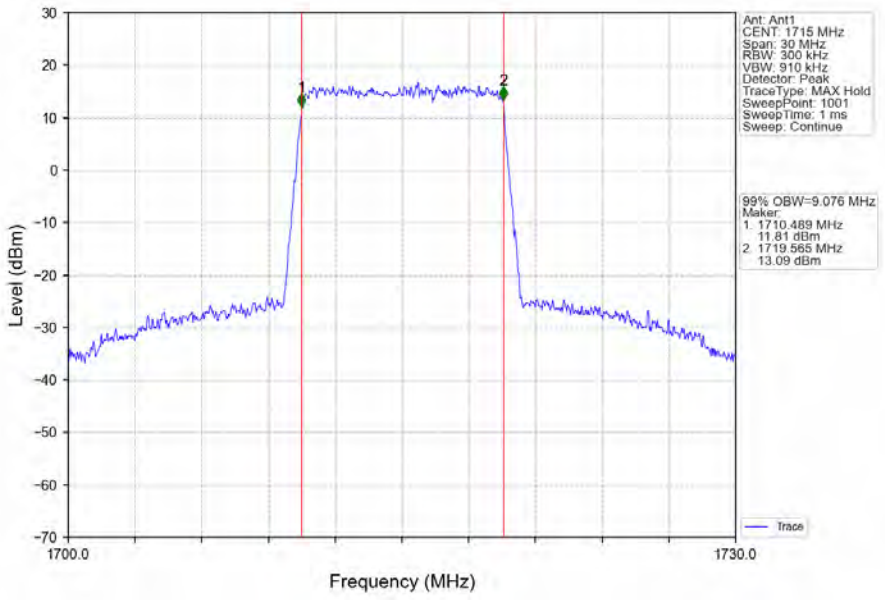

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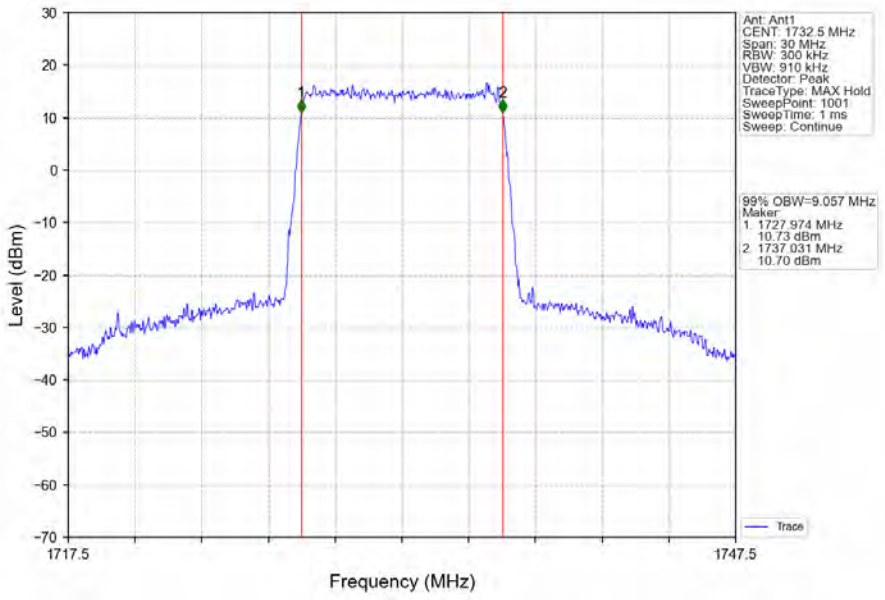

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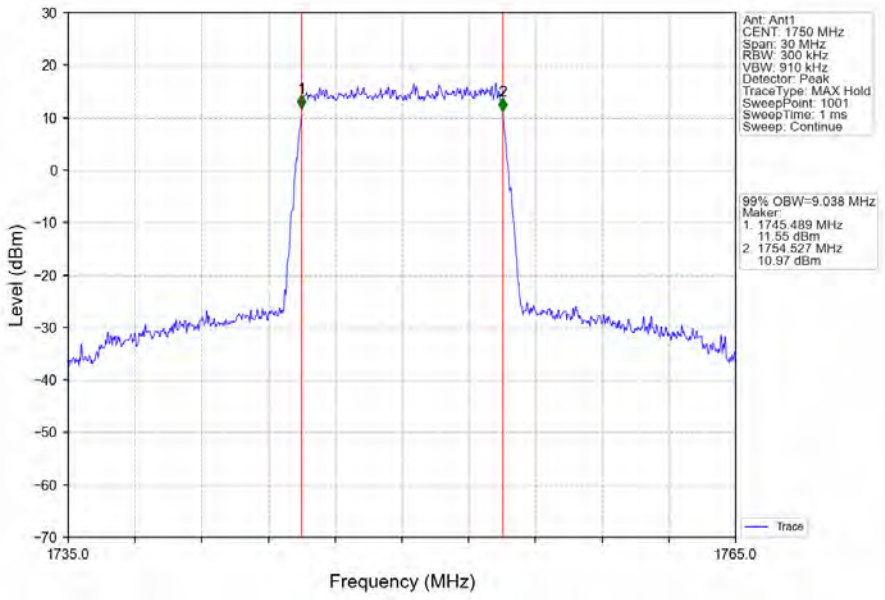

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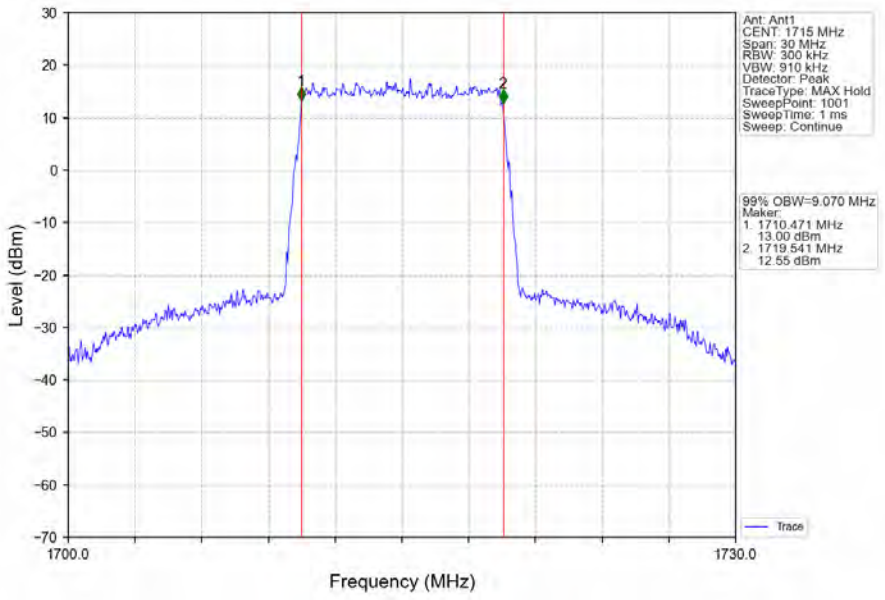

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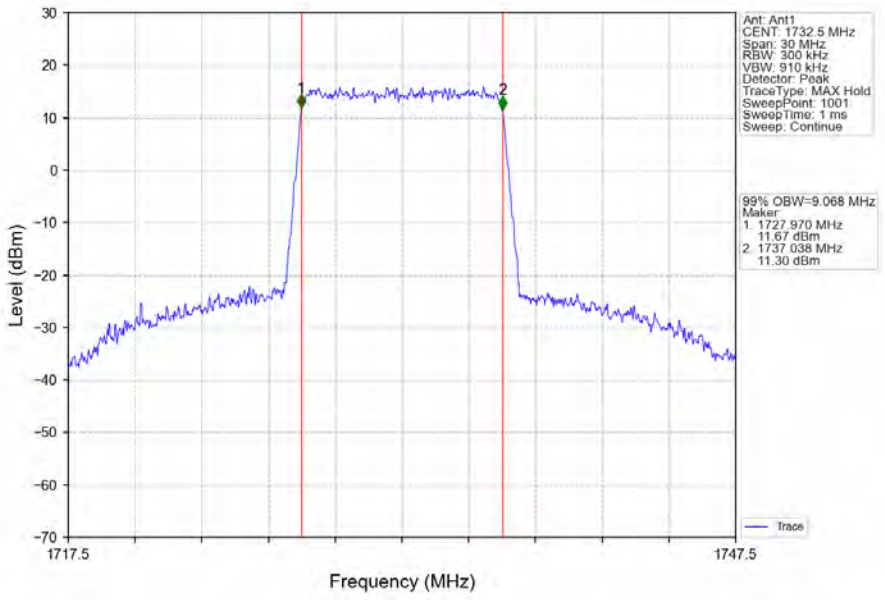

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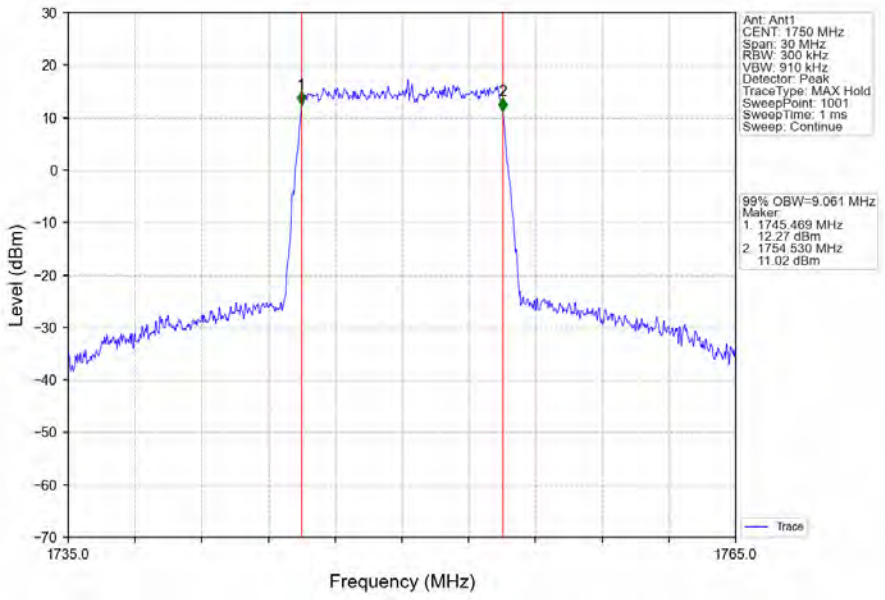

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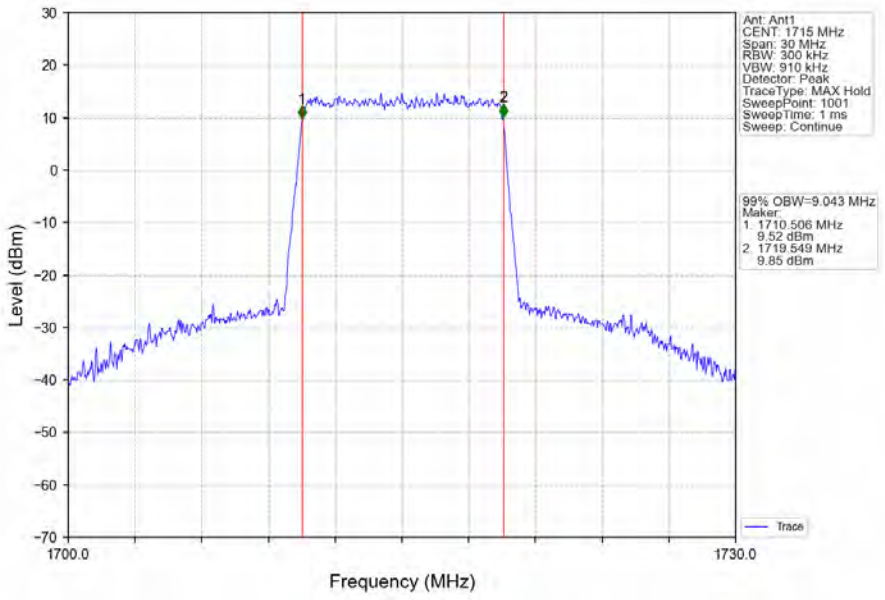

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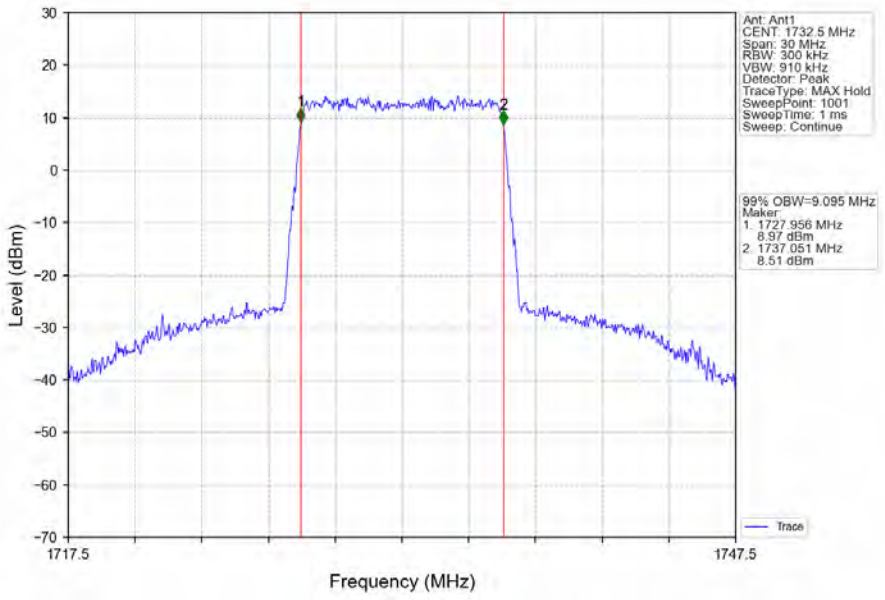
Band4_10MHz_256QAM_MCH_1732.5MHz_RB_50_0_NTNV



Band4_10MHz_256QAM_HCH_1750MHz_RB_50_0_NTNV

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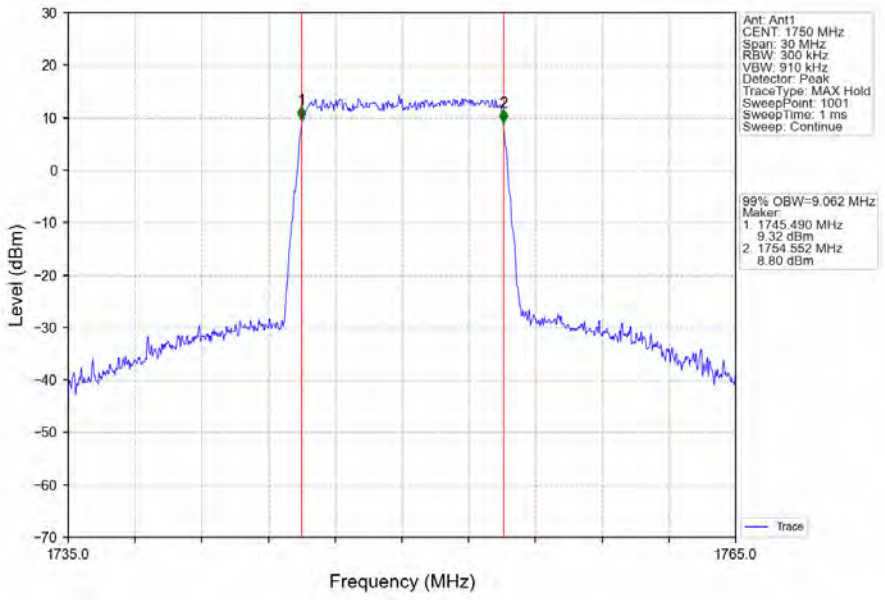

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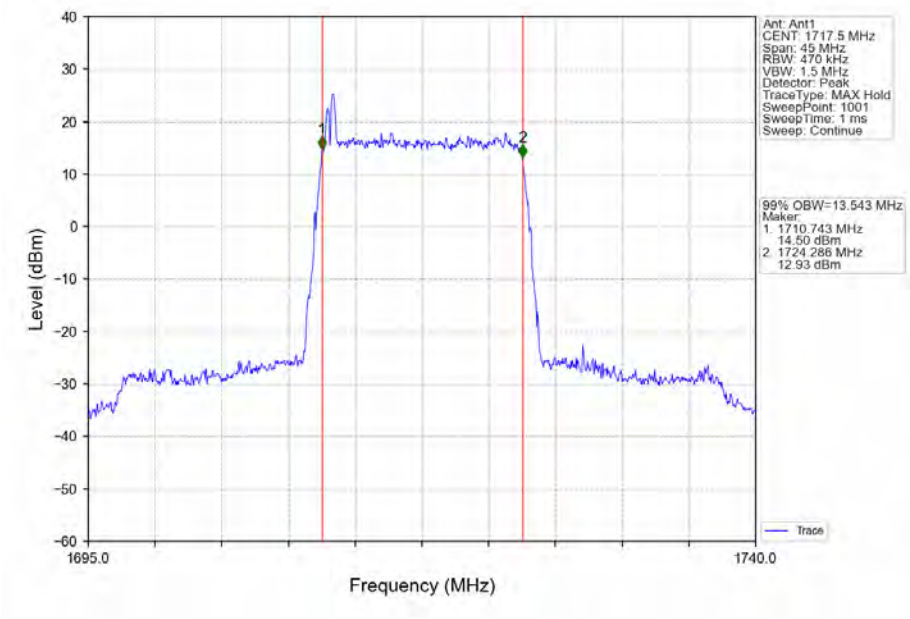
Band4_15MHz_QPSK_LCH_1717.5MHz_RB_75_0_NTNV



Band4_15MHz_QPSK_MCH_1732.5MHz_RB_75_0_NTNV

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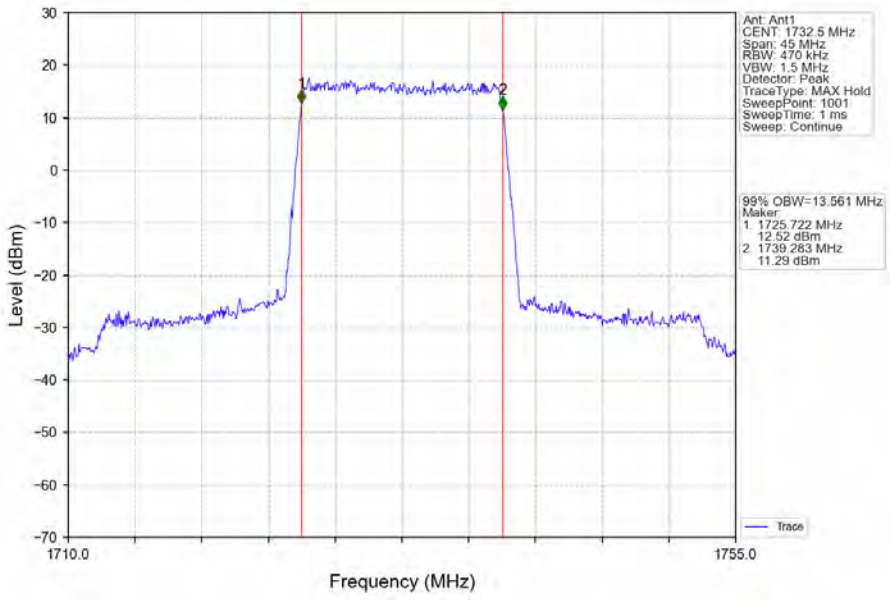

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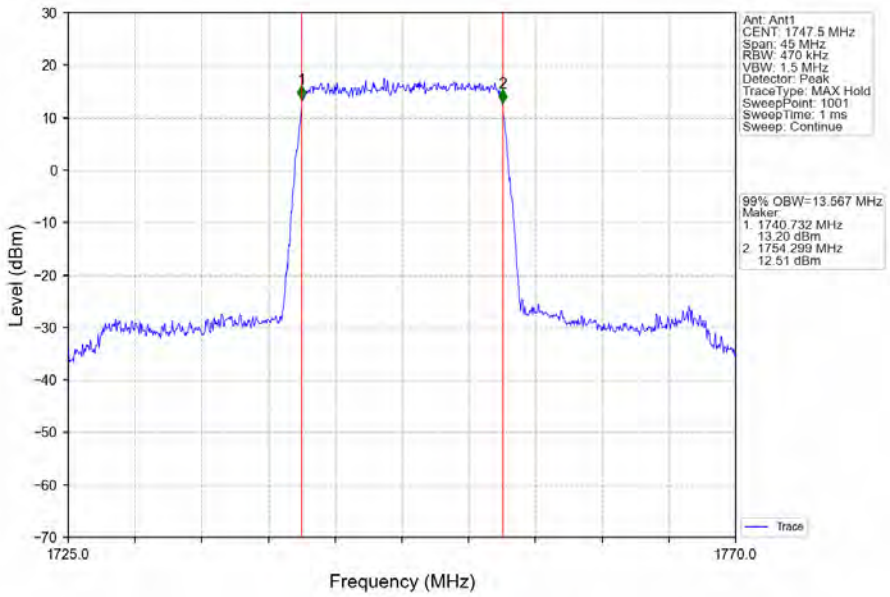
Band4_15MHz_QPSK_HCH_1747.5MHz_RB_75_0_NTNV



Band4_15MHz_16QAM_LCH_1717.5MHz_RB_75_0_NTNV

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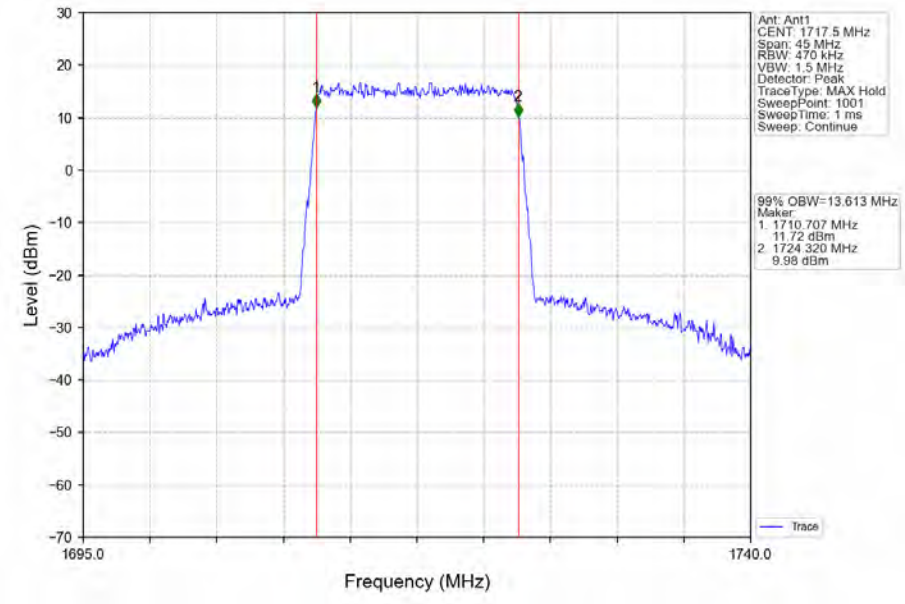

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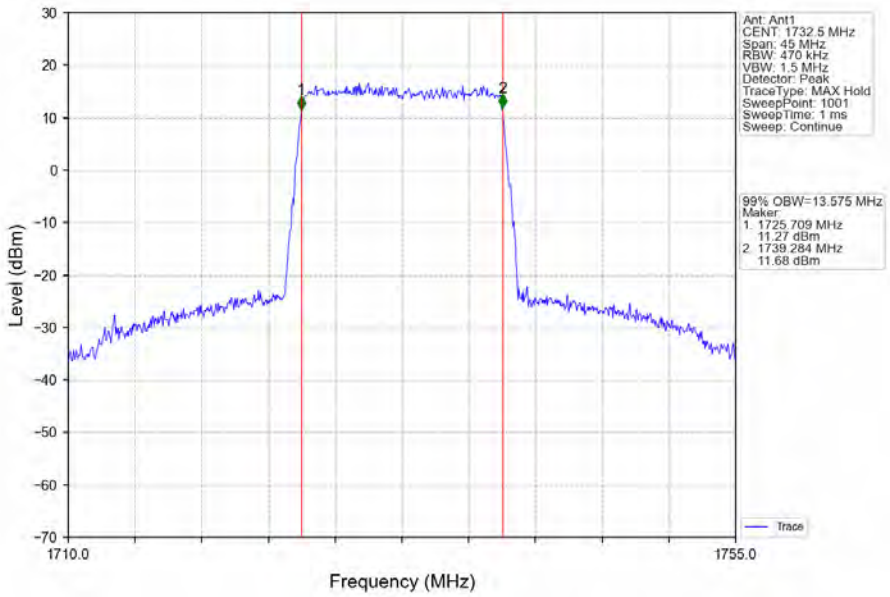
Band4_15MHz_16QAM_MCH_1732.5MHz_RB_75_0_NTNV



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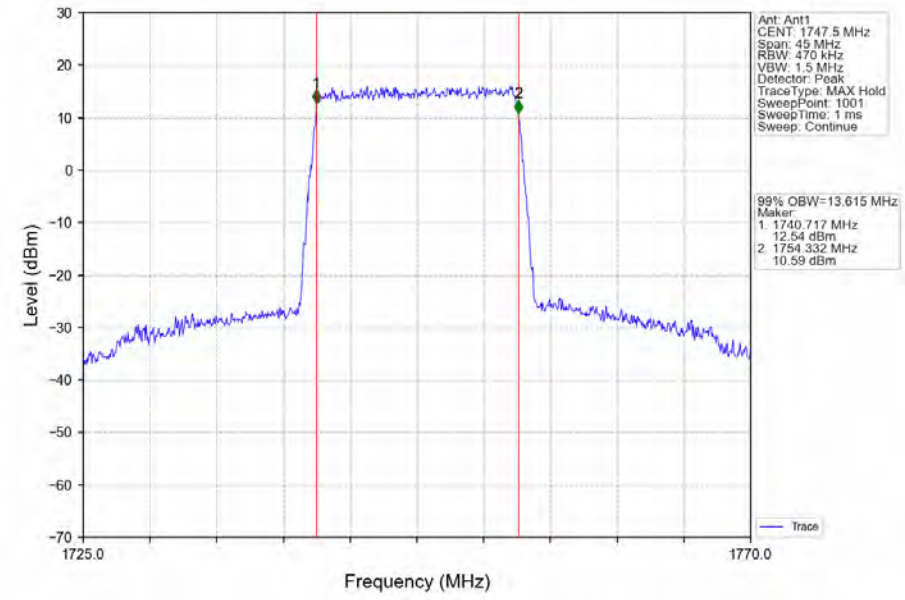

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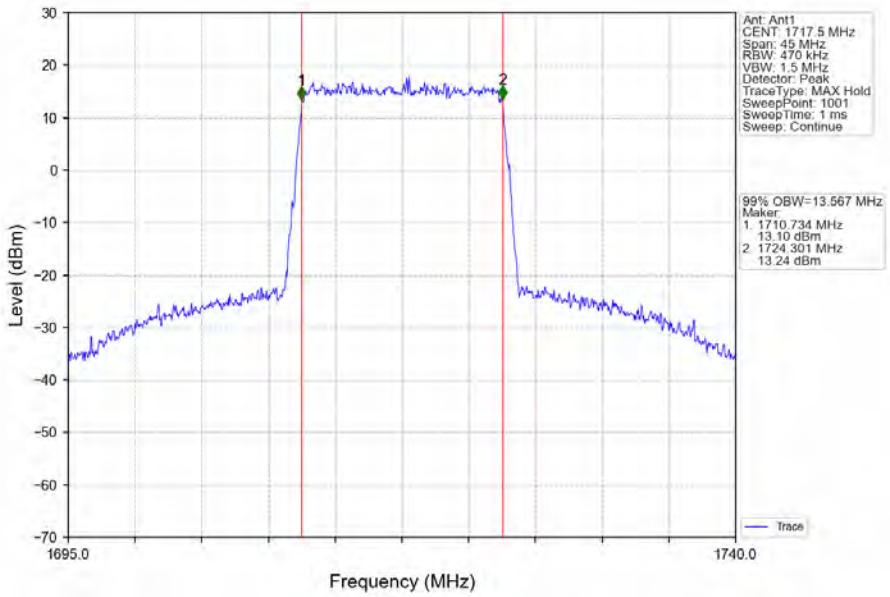

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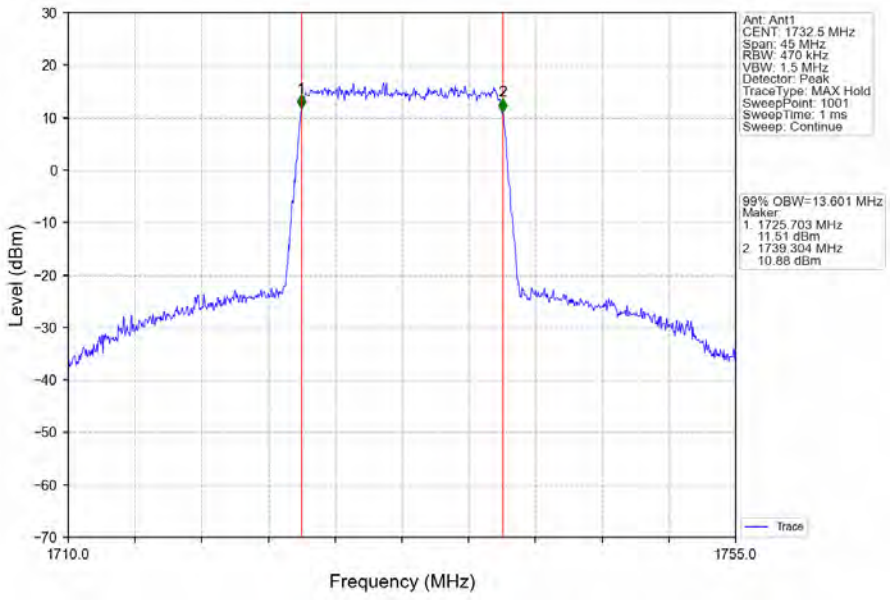

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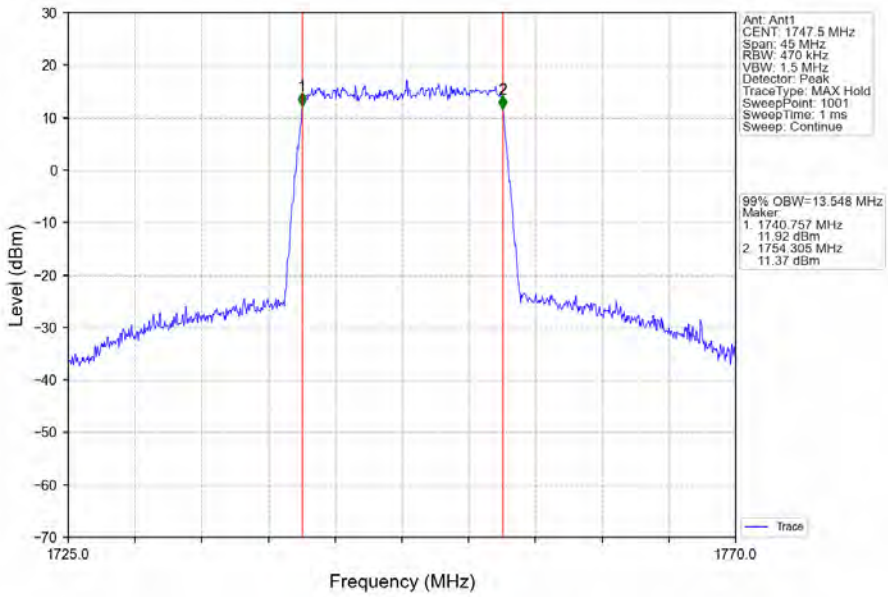

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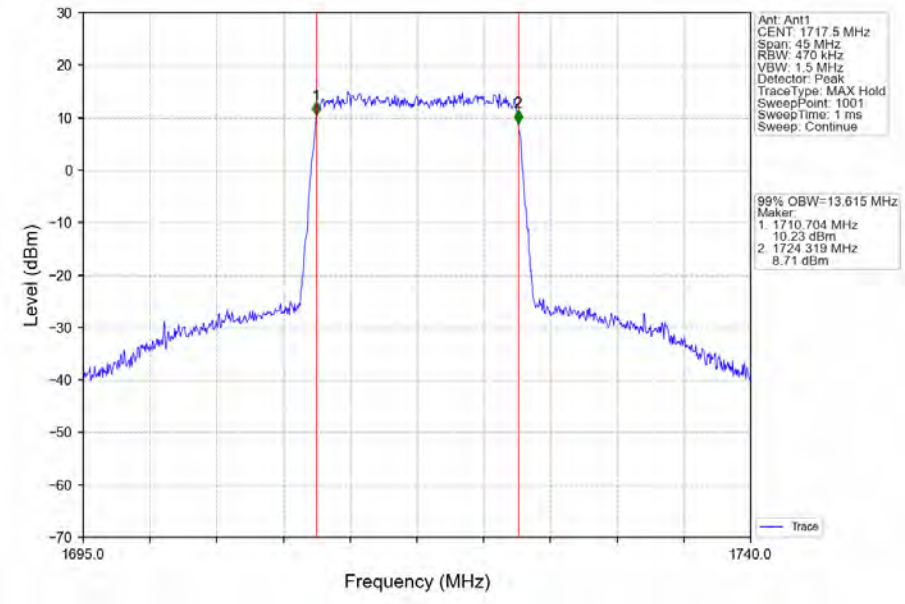

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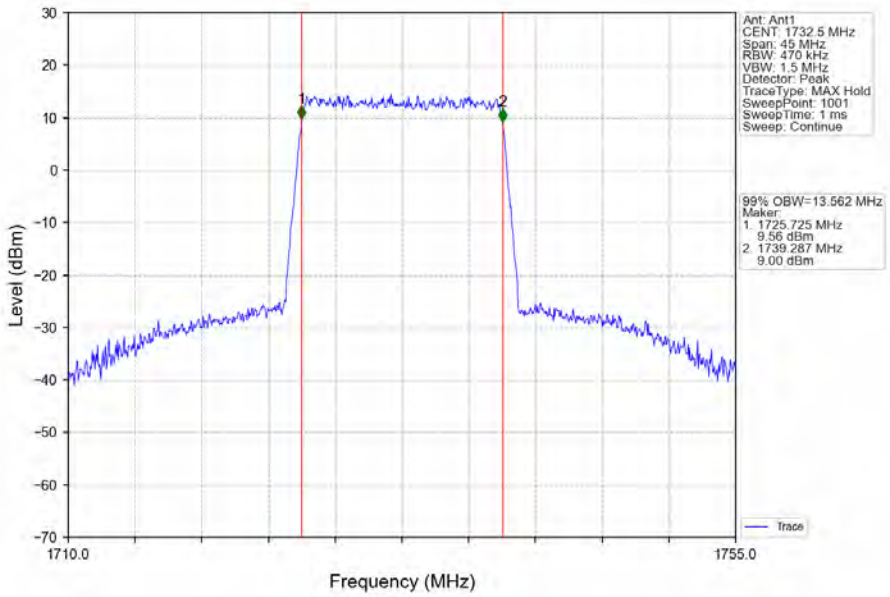

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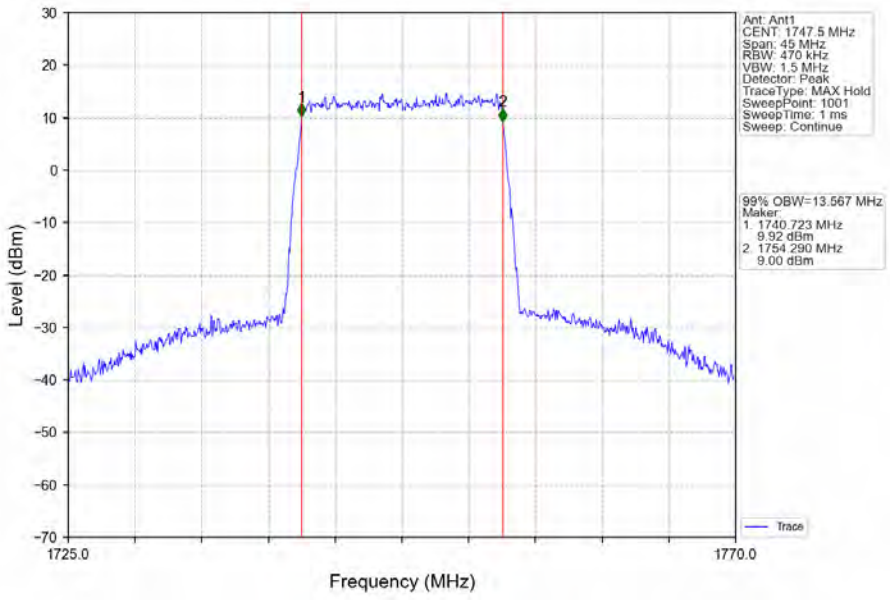

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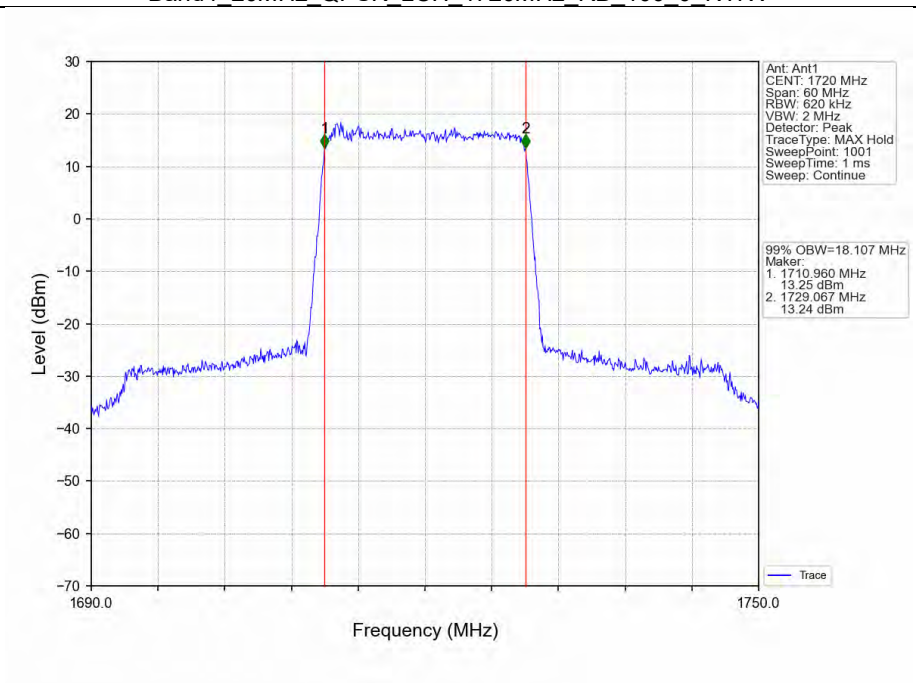
Band4_20MHz_QPSK_LCH_1720MHz_RB_100_0_NTNV



Band4_20MHz_QPSK_MCH_1732.5MHz_RB_100_0_NTNV

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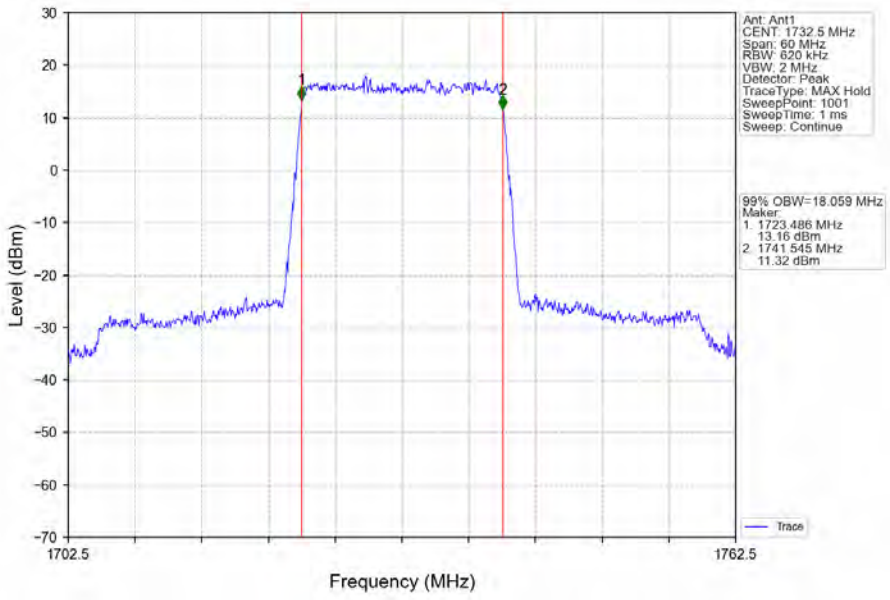

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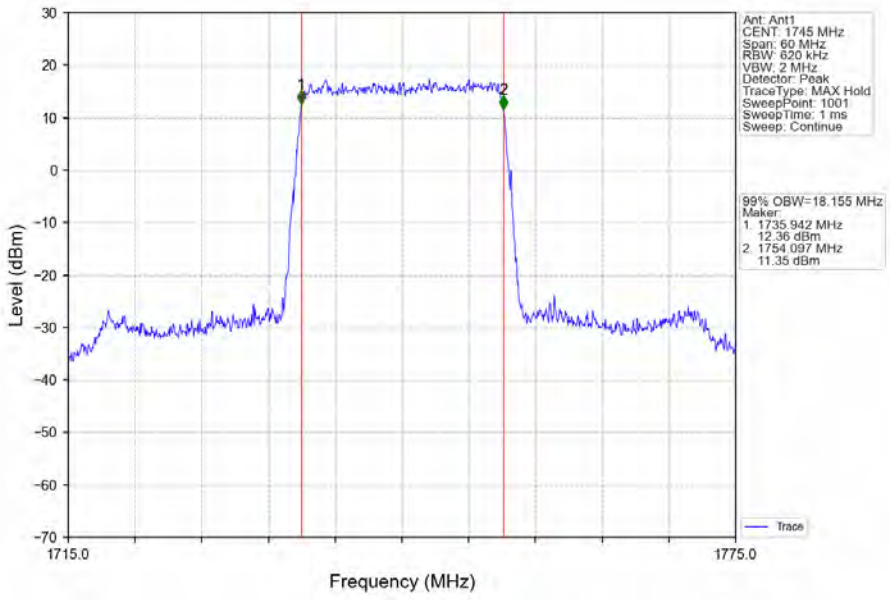

Band4_20MHz_16QAM_LCH_1720MHz_RB_100_0_NTNV

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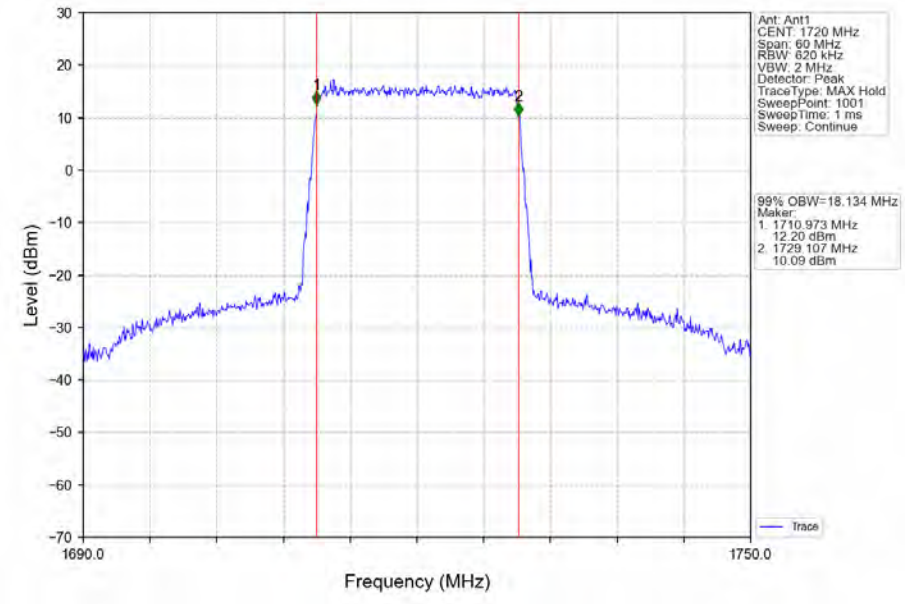

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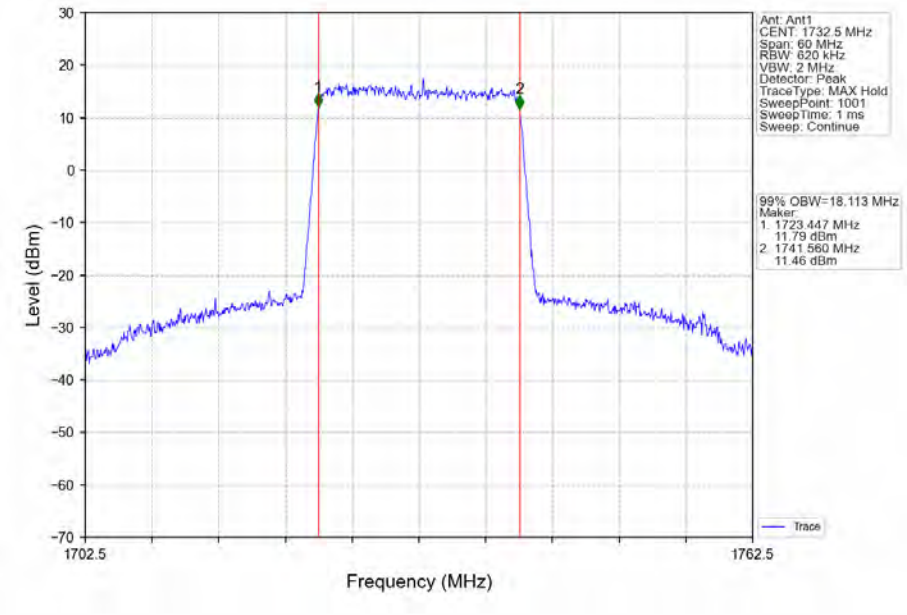

Band4_20MHz_16QAM_HCH_1745MHz_RB_100_0_NTNV

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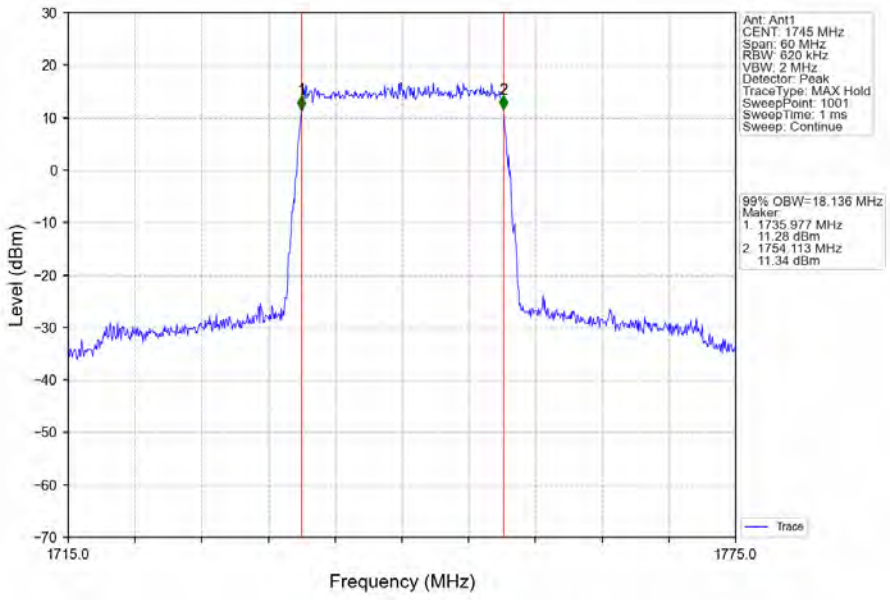

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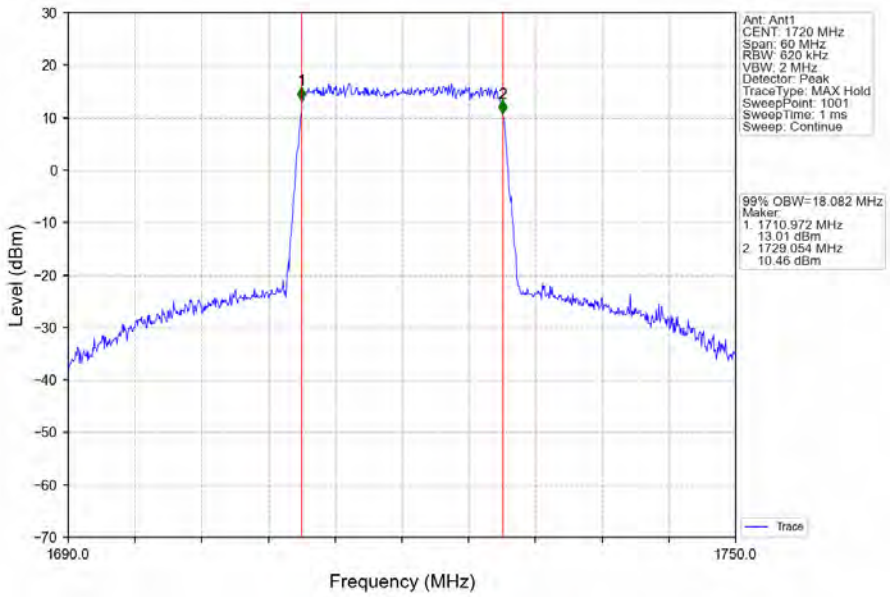
Band4_20MHz_64QAM_LCH_1720MHz_RB_100_0_NTNV



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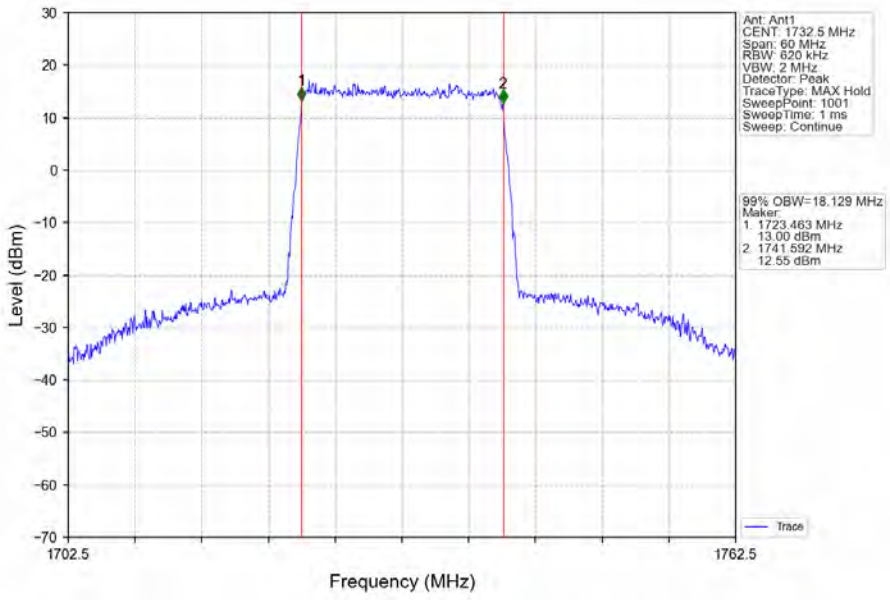

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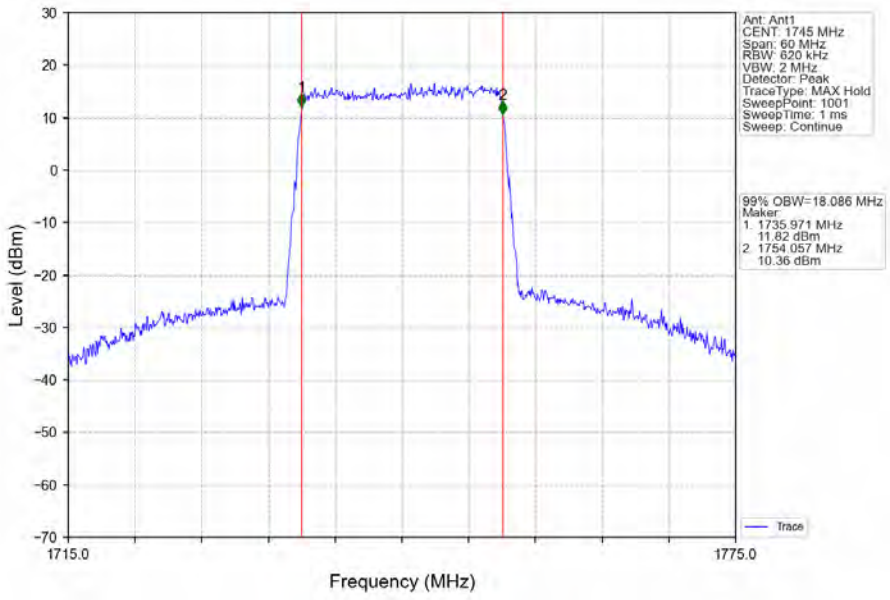

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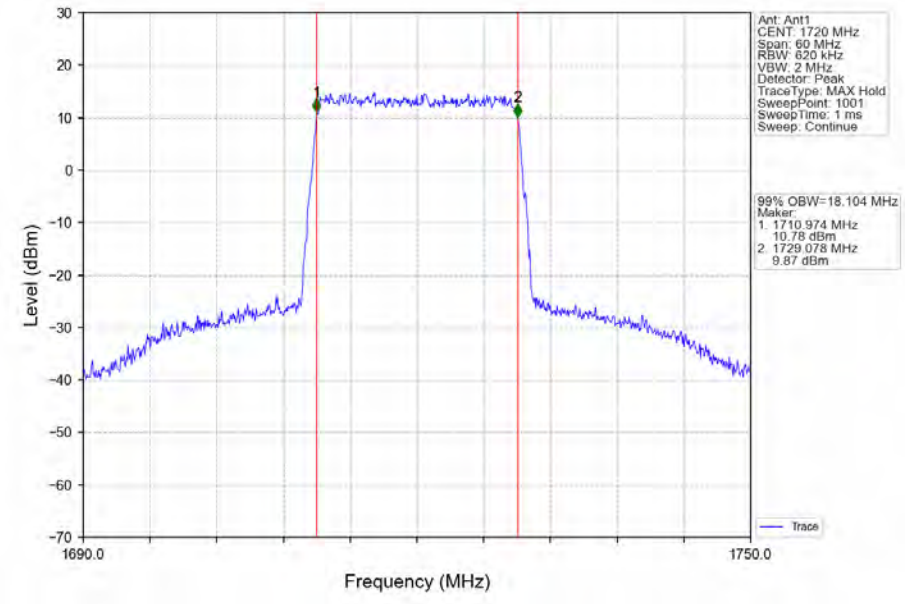

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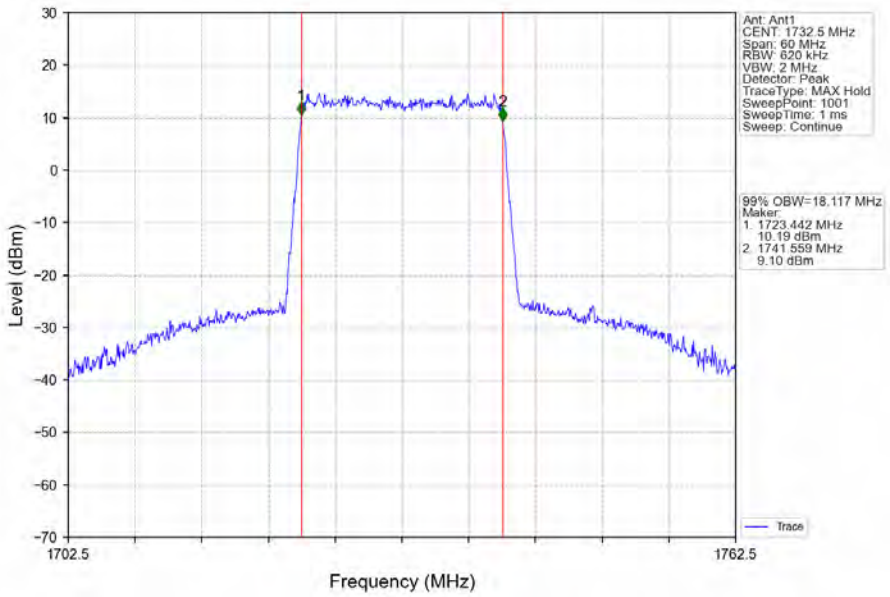

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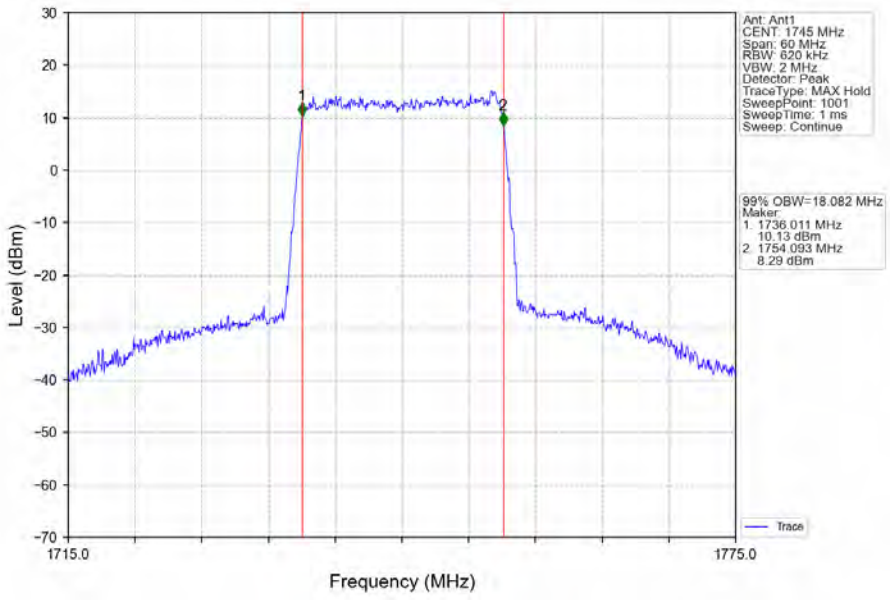

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3.2 Band4_XDB

3.2.1 Test Result

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	1.269	/	Pass
		1732.5	6	0	1.263	/	Pass
		1754.3	6	0	1.262	/	Pass
	16QAM	1710.7	6	0	1.253	/	Pass
		1732.5	6	0	1.277	/	Pass
		1754.3	6	0	1.268	/	Pass
	64QAM	1710.7	6	0	1.276	/	Pass
		1732.5	6	0	1.272	/	Pass
		1754.3	6	0	1.253	/	Pass
	256QAM	1710.7	6	0	1.267	/	Pass
		1732.5	6	0	1.263	/	Pass
		1754.3	6	0	1.258	/	Pass
3	QPSK	1711.5	15	0	3.092	/	Pass
		1732.5	15	0	3.065	/	Pass
		1753.5	15	0	3.070	/	Pass
	16QAM	1711.5	15	0	3.035	/	Pass
		1732.5	15	0	3.040	/	Pass
		1753.5	15	0	3.077	/	Pass
	64QAM	1711.5	15	0	3.041	/	Pass
		1732.5	15	0	3.059	/	Pass
		1753.5	15	0	3.041	/	Pass
	256QAM	1711.5	15	0	3.072	/	Pass
		1732.5	15	0	3.046	/	Pass
		1753.5	15	0	3.062	/	Pass
5	QPSK	1712.5	25	0	5.062	/	Pass
		1732.5	25	0	5.071	/	Pass
		1752.5	25	0	5.017	/	Pass
	16QAM	1712.5	25	0	5.078	/	Pass
		1732.5	25	0	5.068	/	Pass
		1752.5	25	0	5.063	/	Pass
	64QAM	1712.5	25	0	5.064	/	Pass
		1732.5	25	0	5.066	/	Pass
		1752.5	25	0	5.067	/	Pass
	256QAM	1712.5	25	0	5.040	/	Pass
		1732.5	25	0	5.051	/	Pass
		1752.5	25	0	5.058	/	Pass
10	QPSK	1715	50	0	9.960	/	Pass
		1732.5	50	0	9.978	/	Pass

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		1750	50	0	9.961	/	Pass
	16QAM	1715	50	0	9.970	/	Pass
		1732.5	50	0	9.917	/	Pass
		1750	50	0	10.003	/	Pass
	64QAM	1715	50	0	9.982	/	Pass
		1732.5	50	0	9.986	/	Pass
		1750	50	0	9.973	/	Pass
	256QAM	1715	50	0	9.912	/	Pass
		1732.5	50	0	10.052	/	Pass
		1750	50	0	9.985	/	Pass
15	QPSK	1717.5	75	0	14.650	/	Pass
		1732.5	75	0	14.975	/	Pass
		1747.5	75	0	14.989	/	Pass
	16QAM	1717.5	75	0	15.007	/	Pass
		1732.5	75	0	14.916	/	Pass
		1747.5	75	0	15.005	/	Pass
	64QAM	1717.5	75	0	14.876	/	Pass
		1732.5	75	0	14.923	/	Pass
		1747.5	75	0	14.950	/	Pass
	256QAM	1717.5	75	0	14.799	/	Pass
		1732.5	75	0	14.979	/	Pass
		1747.5	75	0	15.008	/	Pass
20	QPSK	1720	100	0	19.820	/	Pass
		1732.5	100	0	19.835	/	Pass
		1745	100	0	19.959	/	Pass
	16QAM	1720	100	0	19.844	/	Pass
		1732.5	100	0	19.668	/	Pass
		1745	100	0	19.846	/	Pass
	64QAM	1720	100	0	19.798	/	Pass
		1732.5	100	0	19.840	/	Pass
		1745	100	0	19.875	/	Pass
	256QAM	1720	100	0	19.871	/	Pass
		1732.5	100	0	19.806	/	Pass
		1745	100	0	19.618	/	Pass

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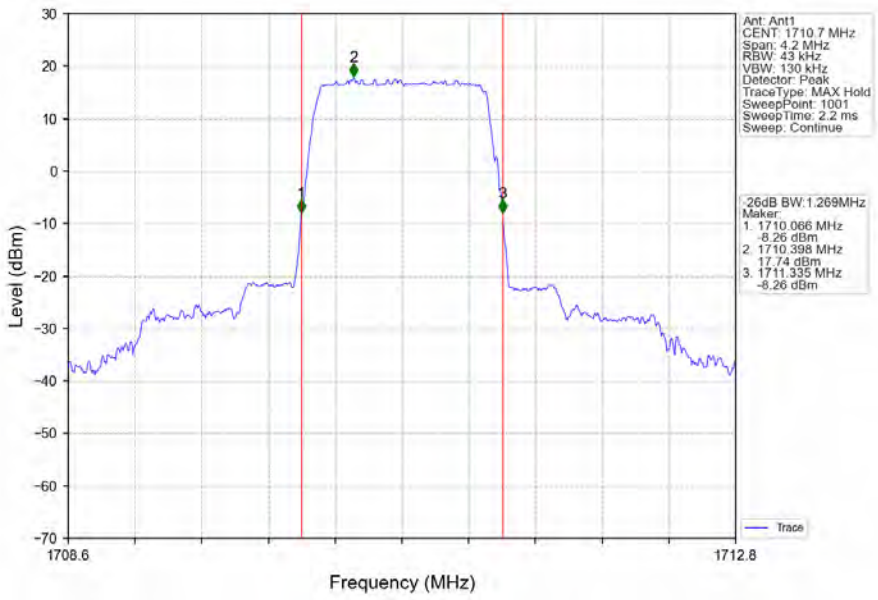
3.2.2 Test Graph

Band4_1.4MHz_QPSK_LCH_1710.7MHz_RB_6_0_NTNV



Band4_1.4MHz_QPSK_MCH_1732.5MHz_RB_6_0_NTNV

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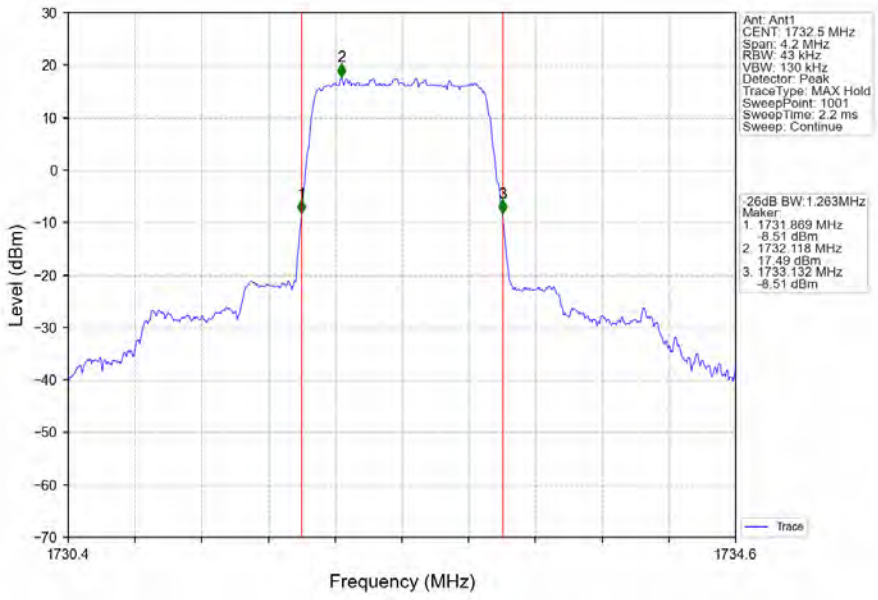

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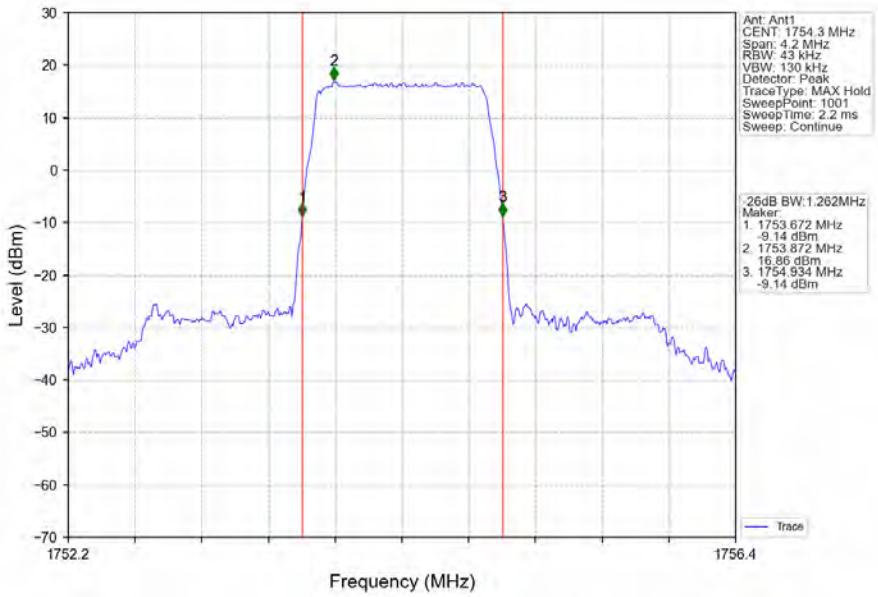
Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_6_0_NTNV



Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_6_0_NTNV

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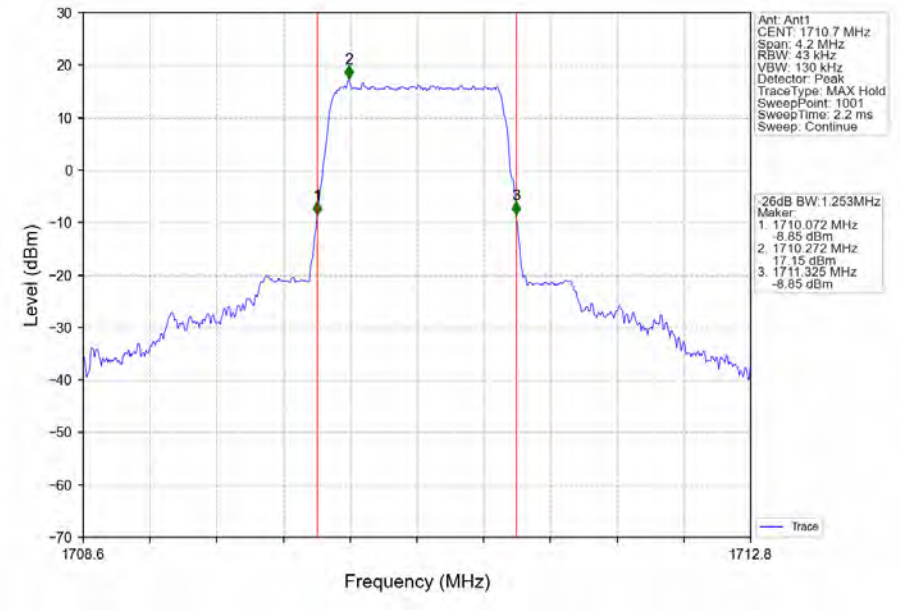

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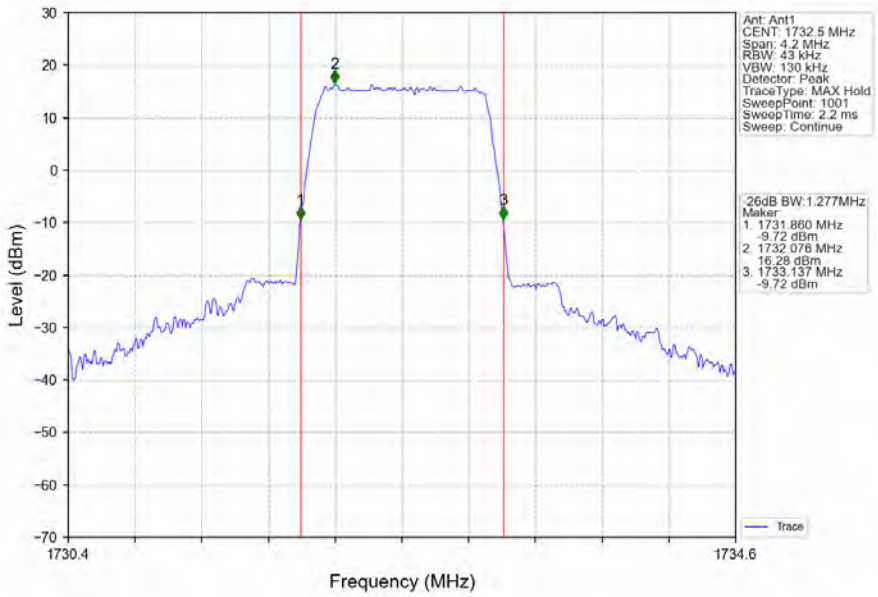
Band4_1.4MHz_16QAM_MCH_1732.5MHz_RB_6_0_NTNV



Band4_1.4MHz_16QAM_HCH_1754.3MHz_RB_6_0_NTNV

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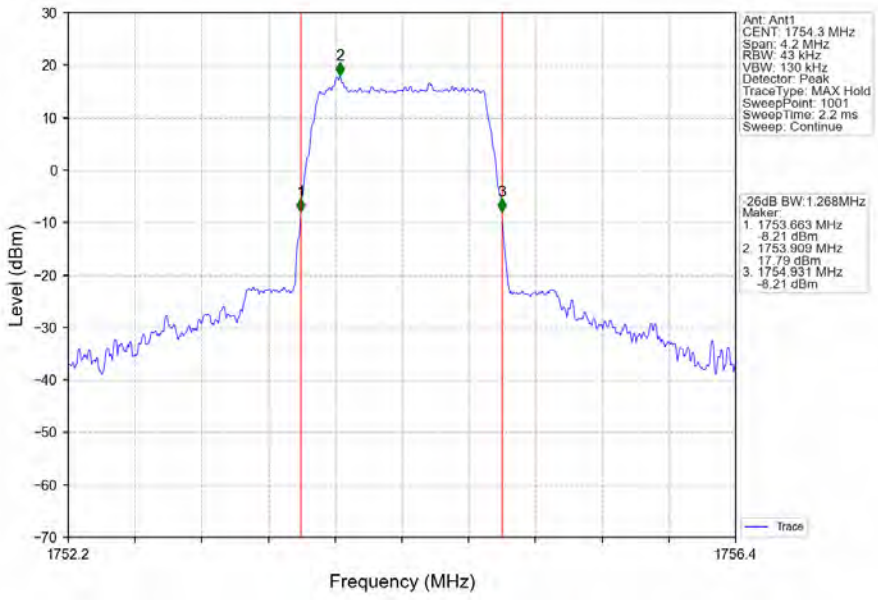

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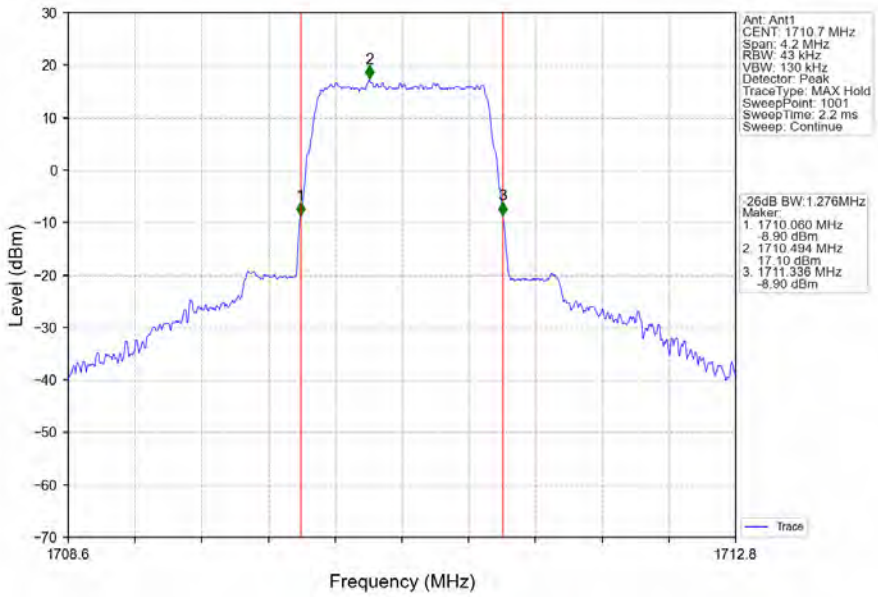
Band4_1.4MHz_64QAM_LCH_1710.7MHz_RB_6_0_NTNV



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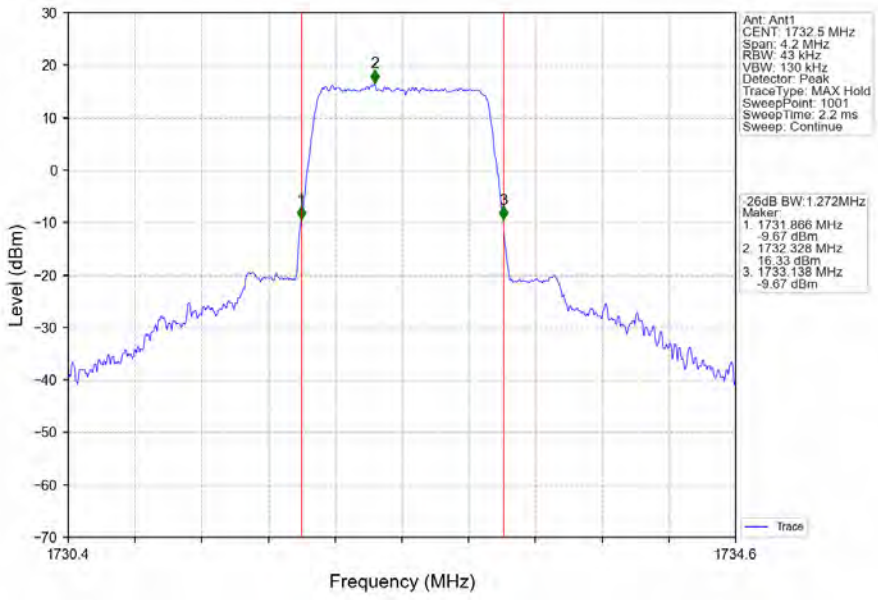

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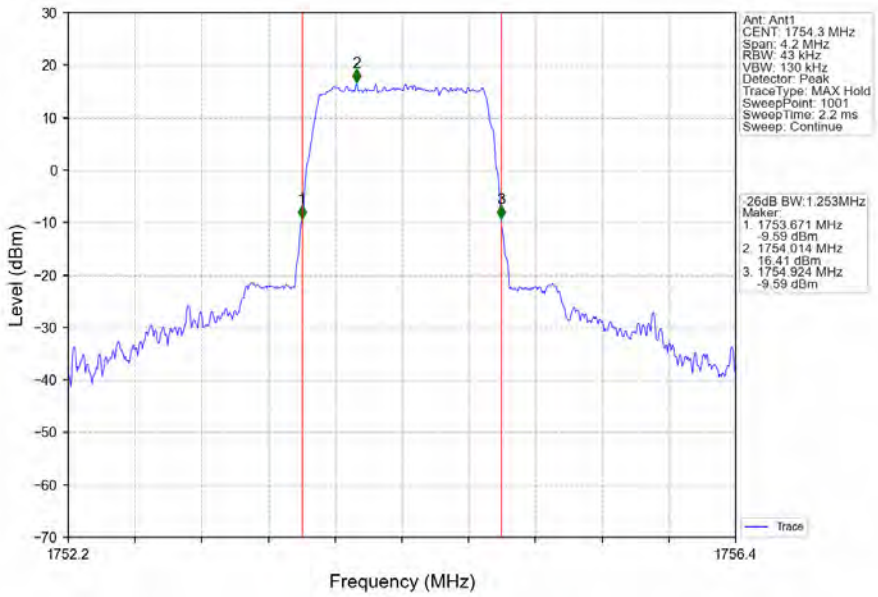

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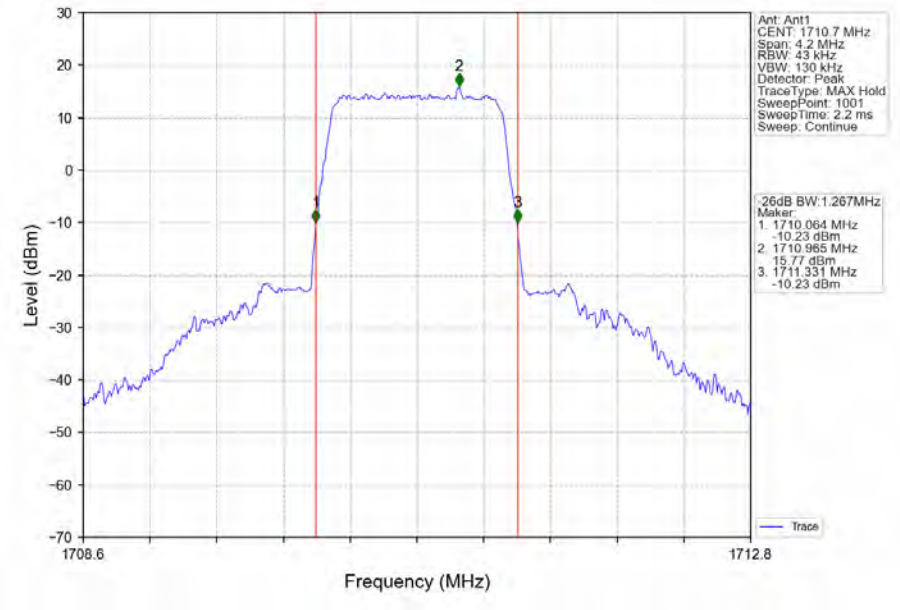

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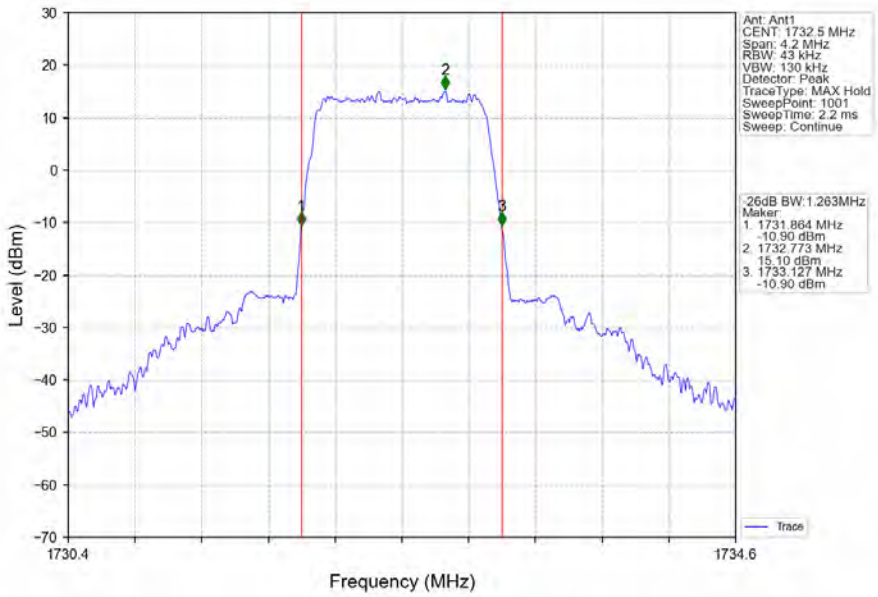
Band4_1.4MHz_256QAM_MCH_1732.5MHz_RB_6_0_NTNV



Band4_1.4MHz_256QAM_HCH_1754.3MHz_RB_6_0_NTNV

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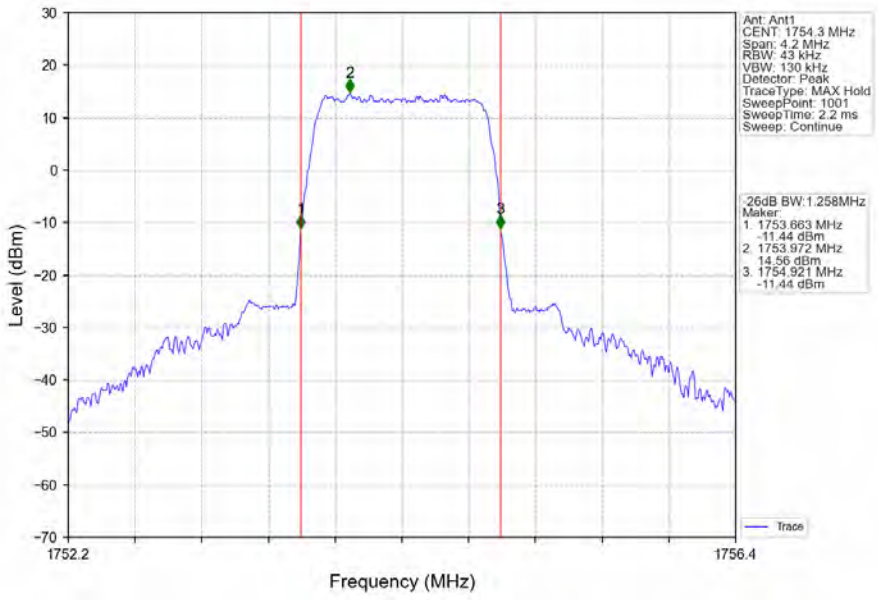

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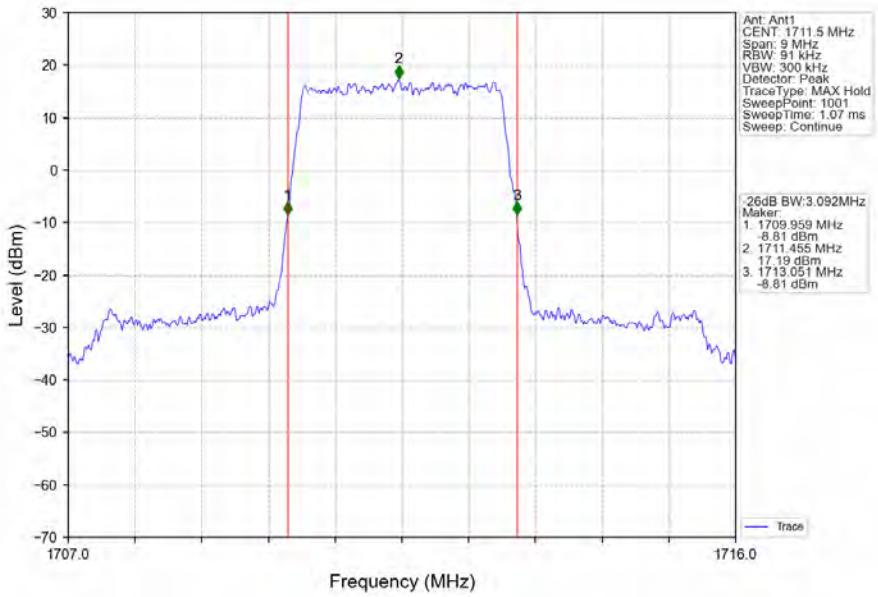
Band4_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV



Band4_3MHz_QPSK_MCH_1732.5MHz_RB_15_0_NTNV

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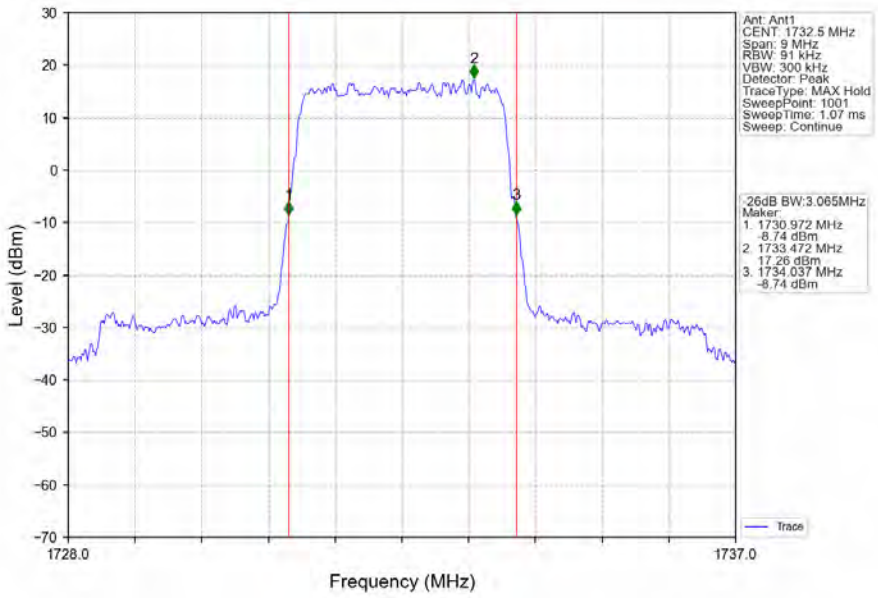

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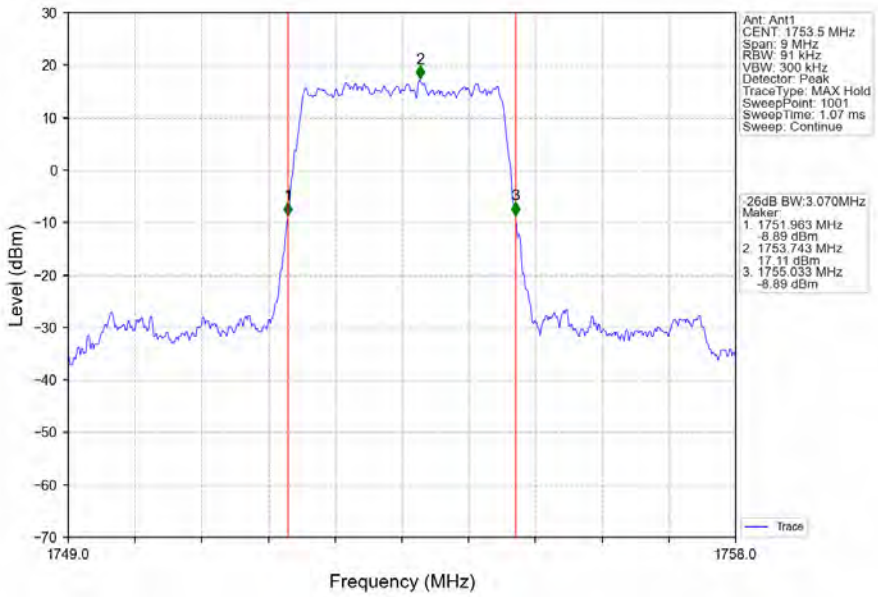

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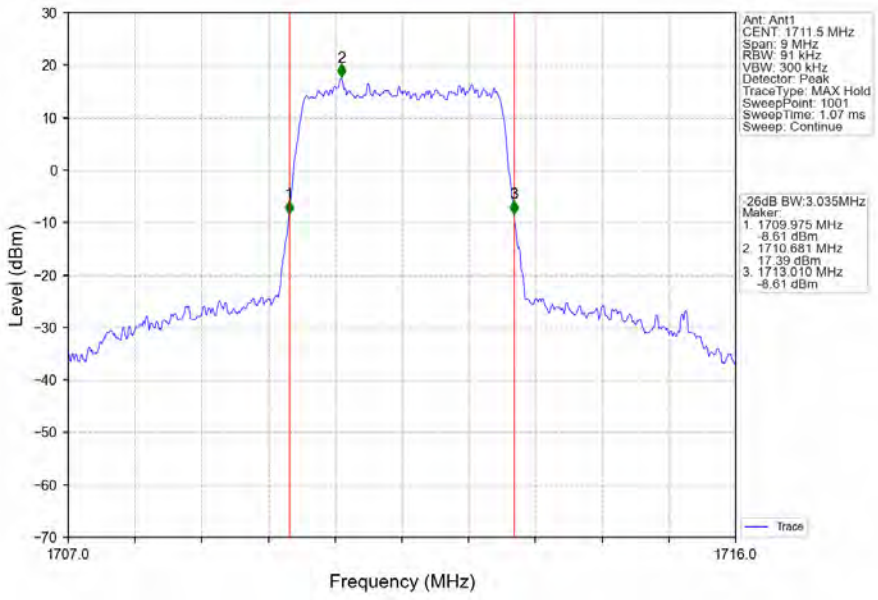

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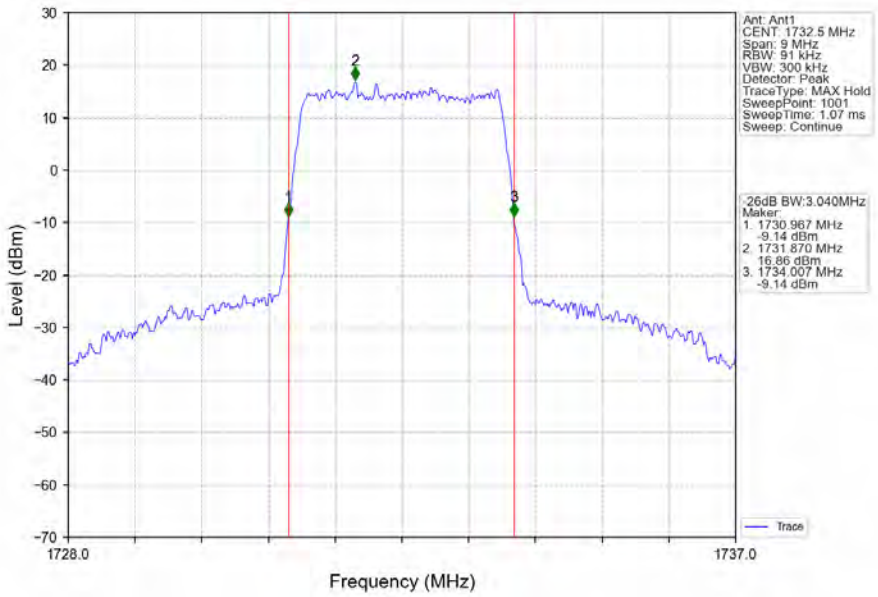

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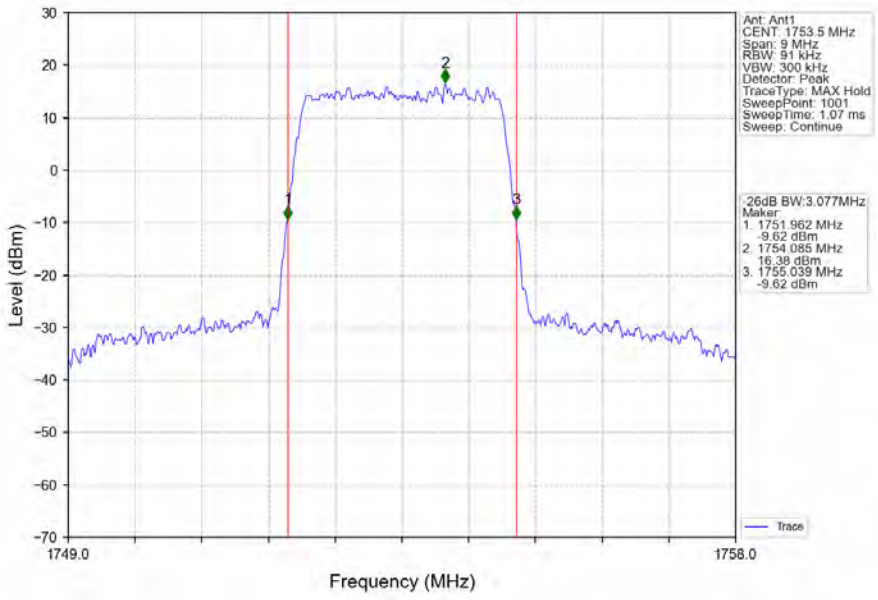

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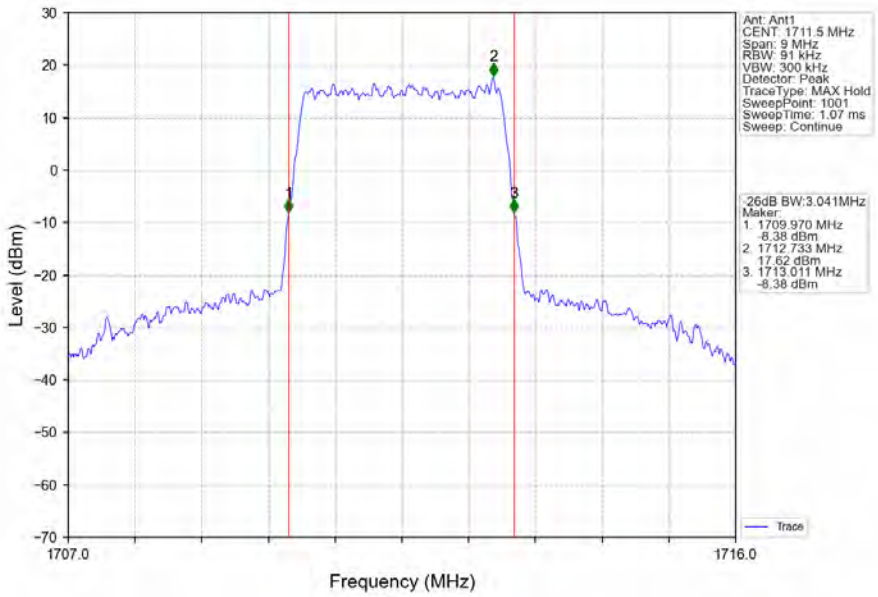

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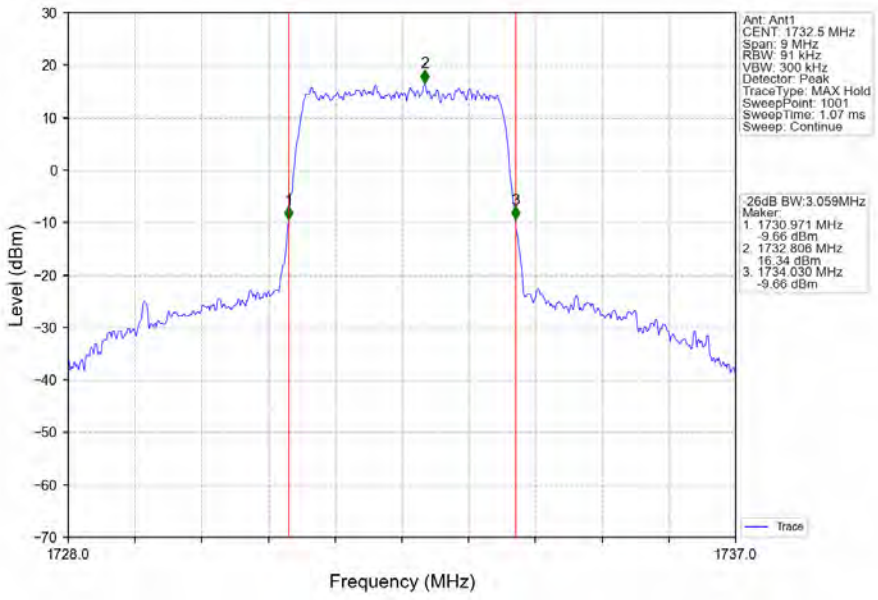

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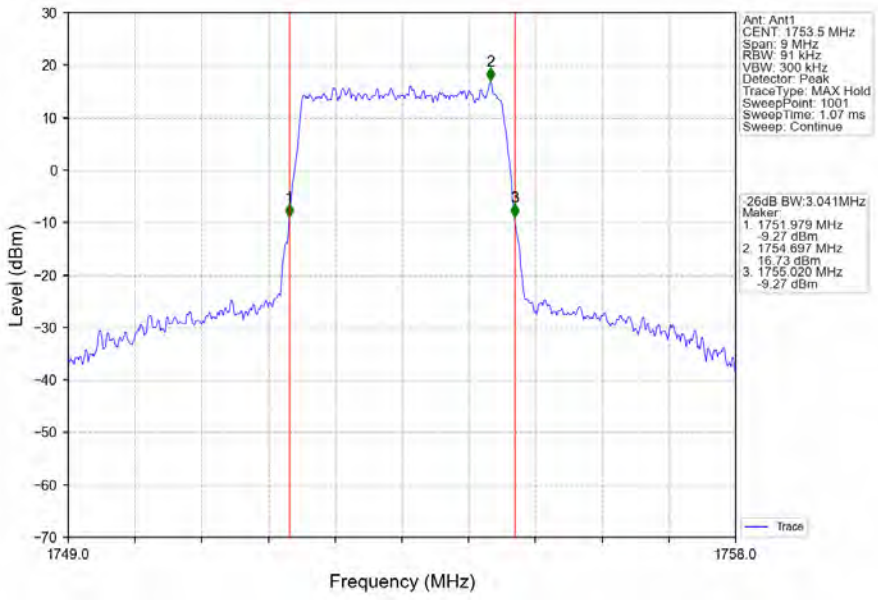

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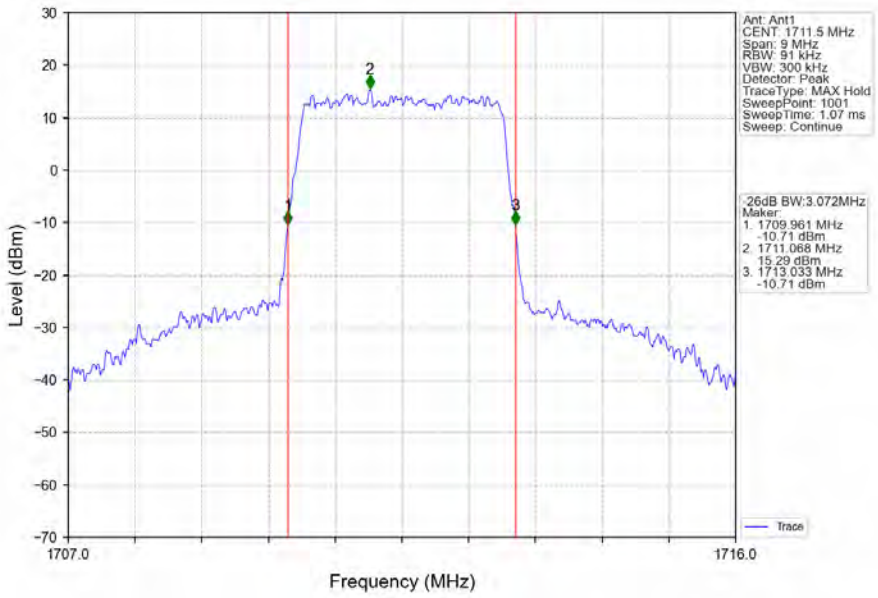

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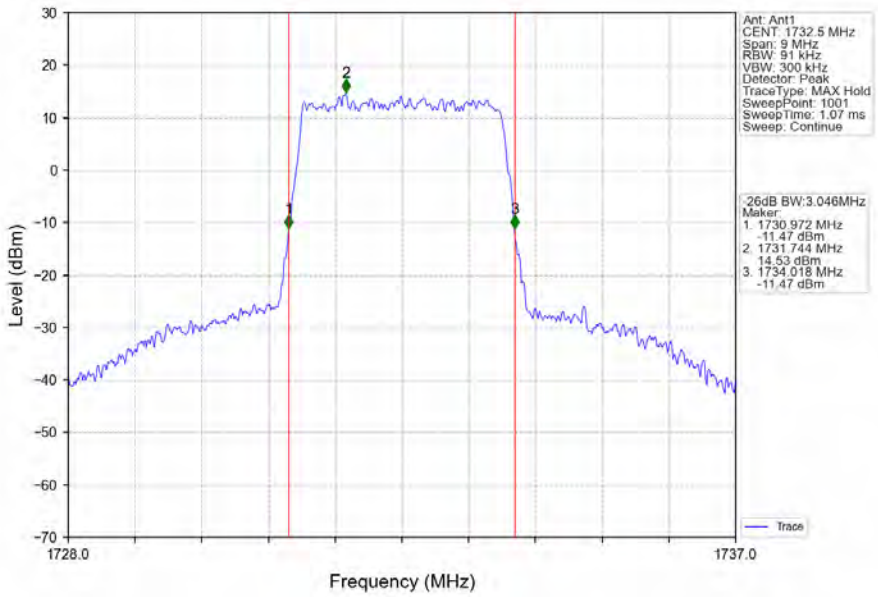

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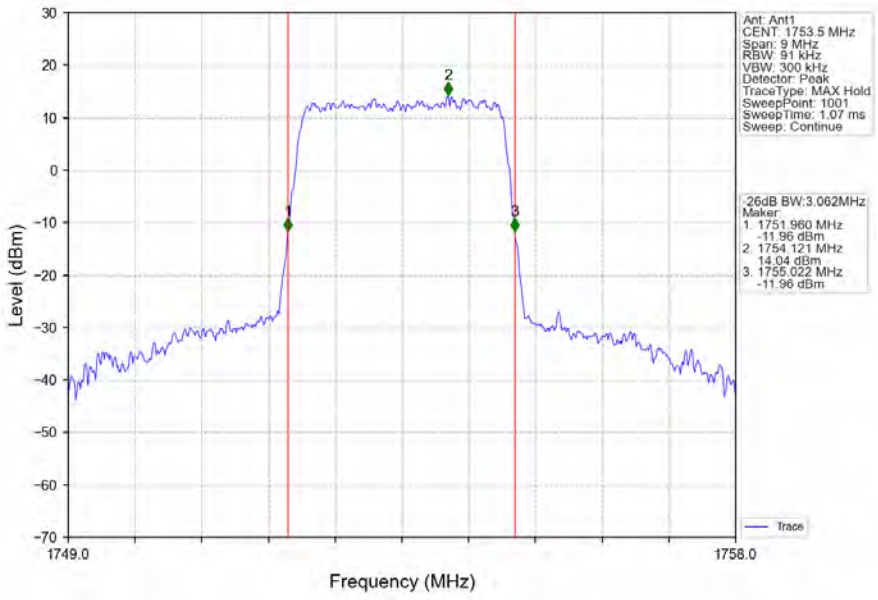

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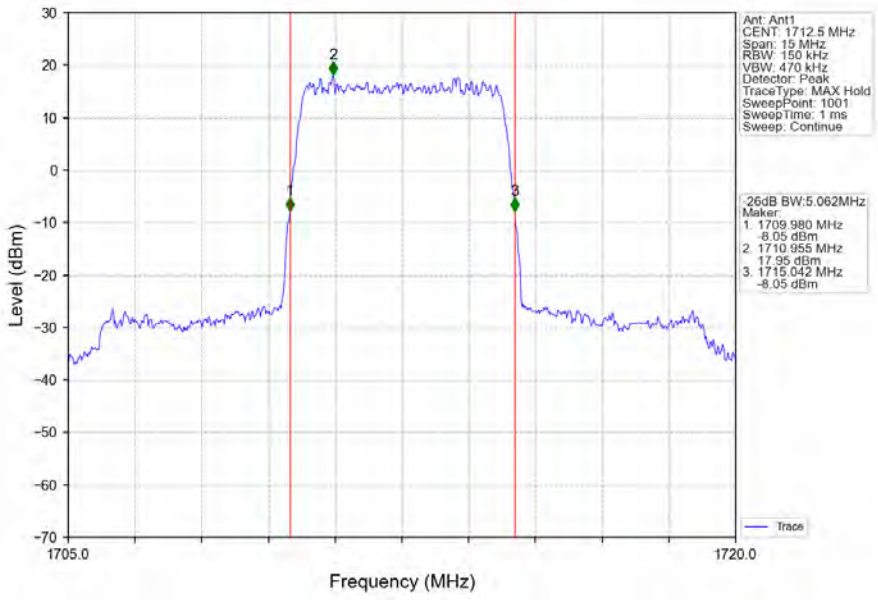

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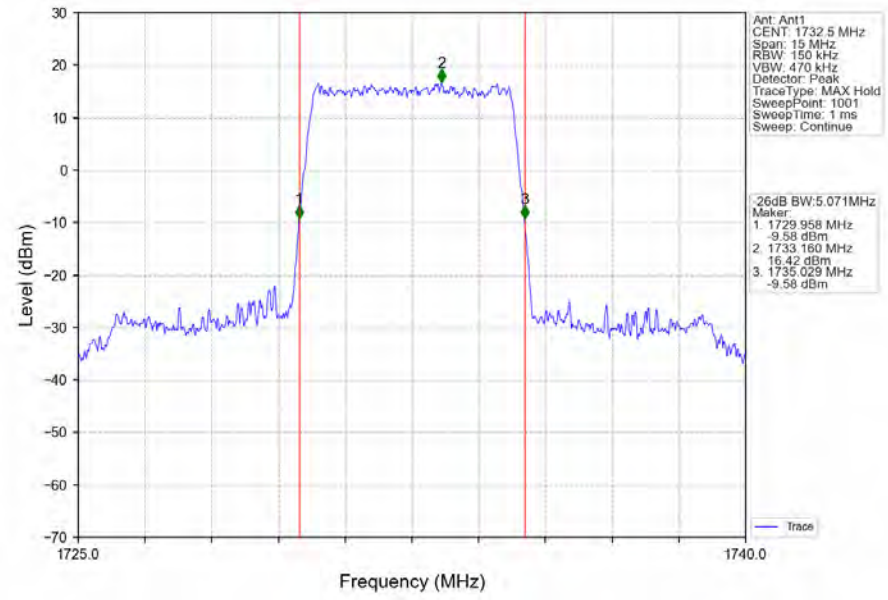

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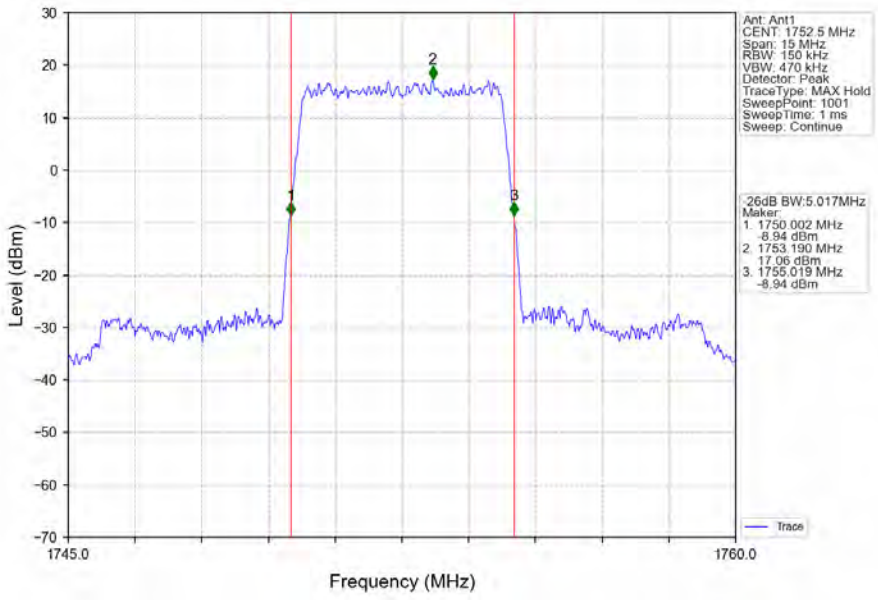
Band4_5MHz_QPSK_HCH_1752.5MHz_RB_25_0_NTNV



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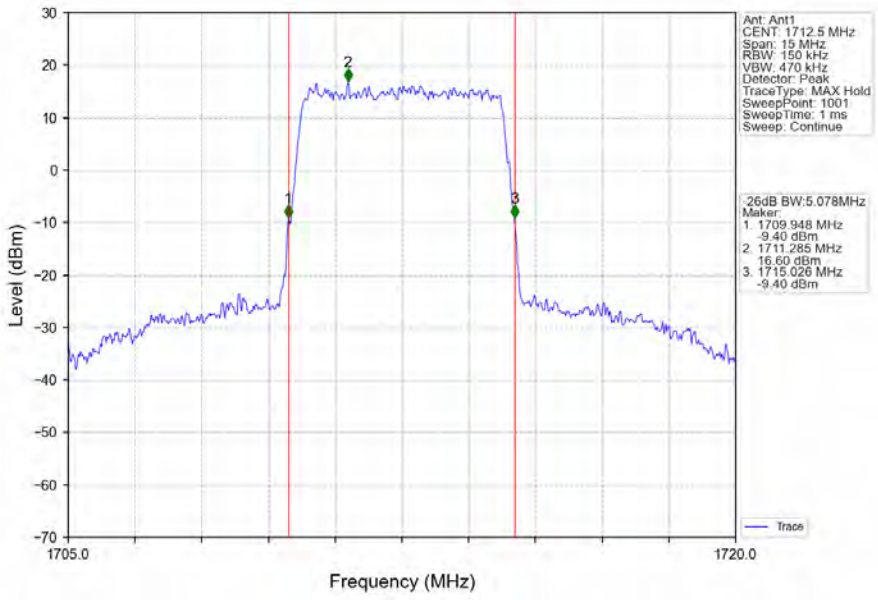

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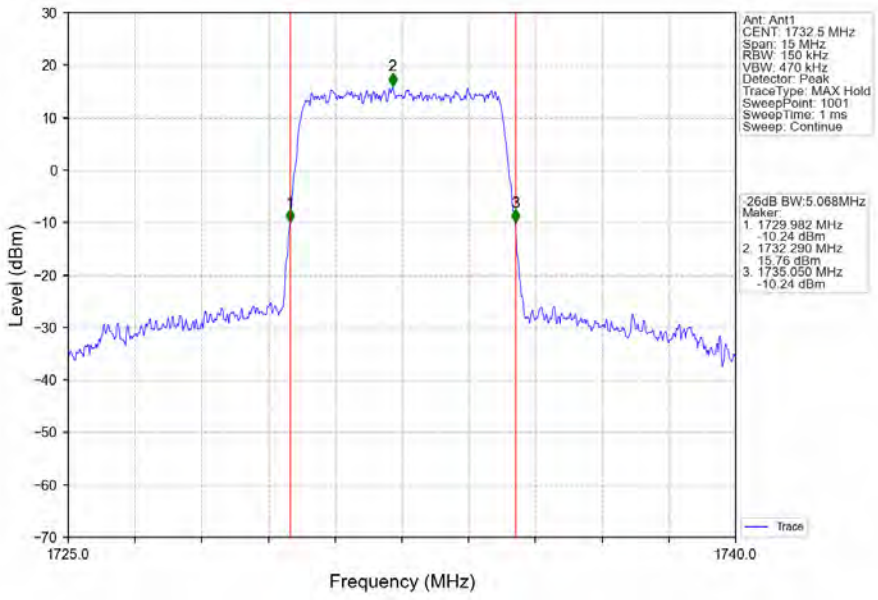

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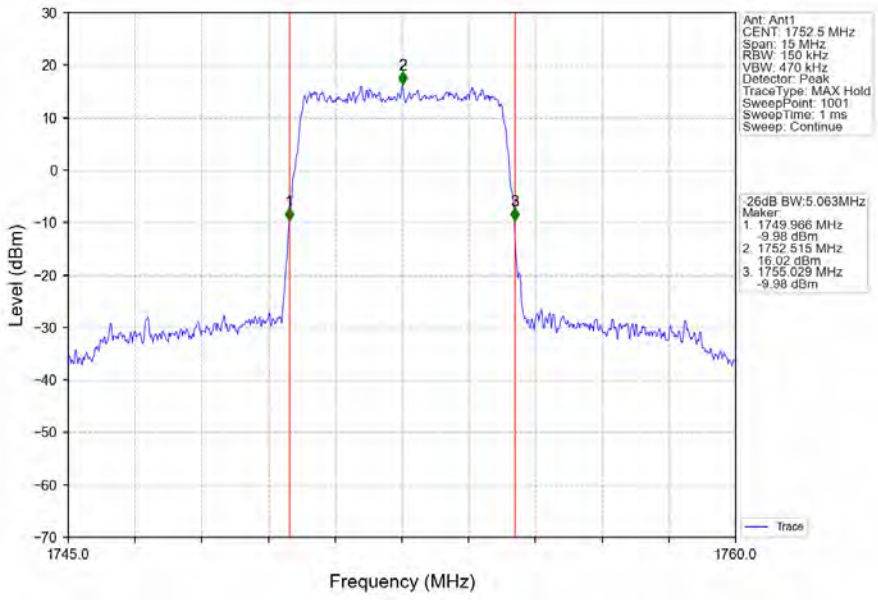

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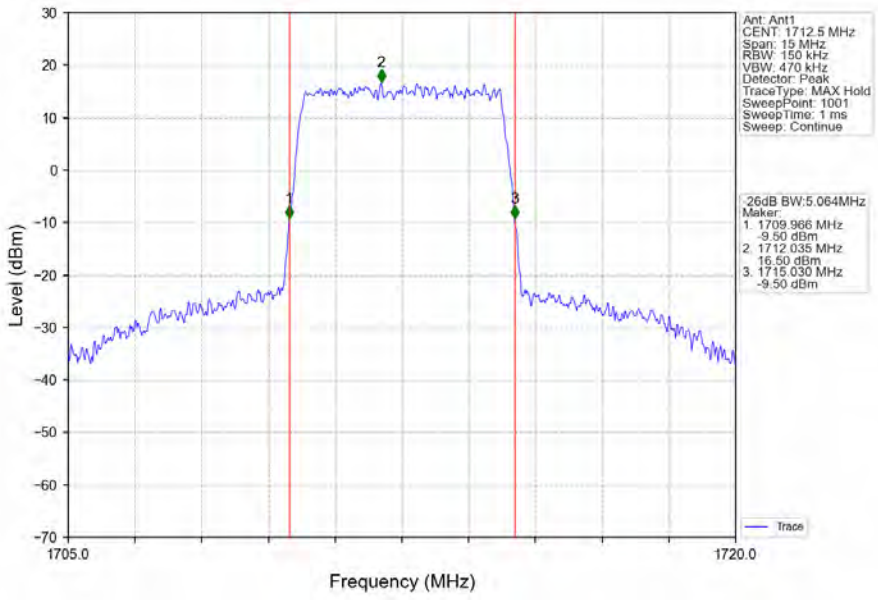

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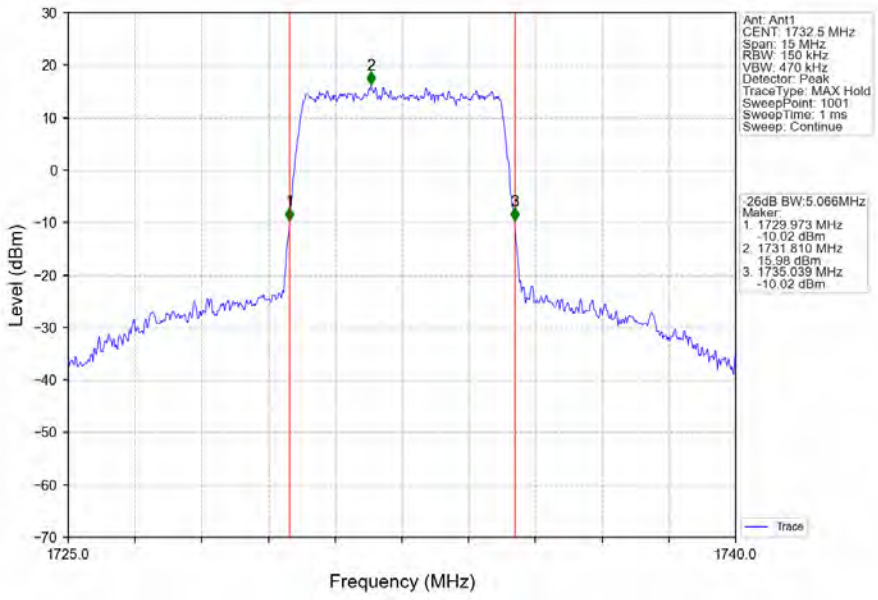

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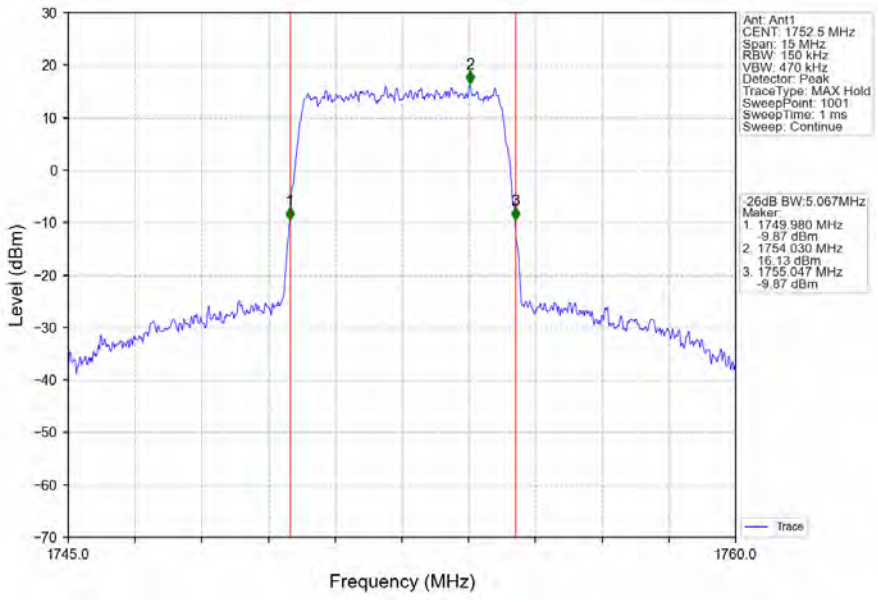

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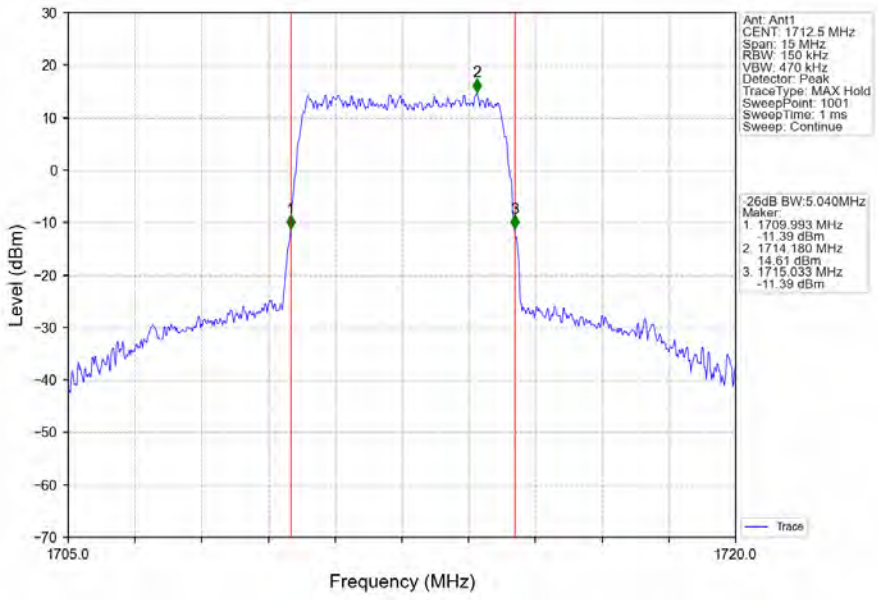

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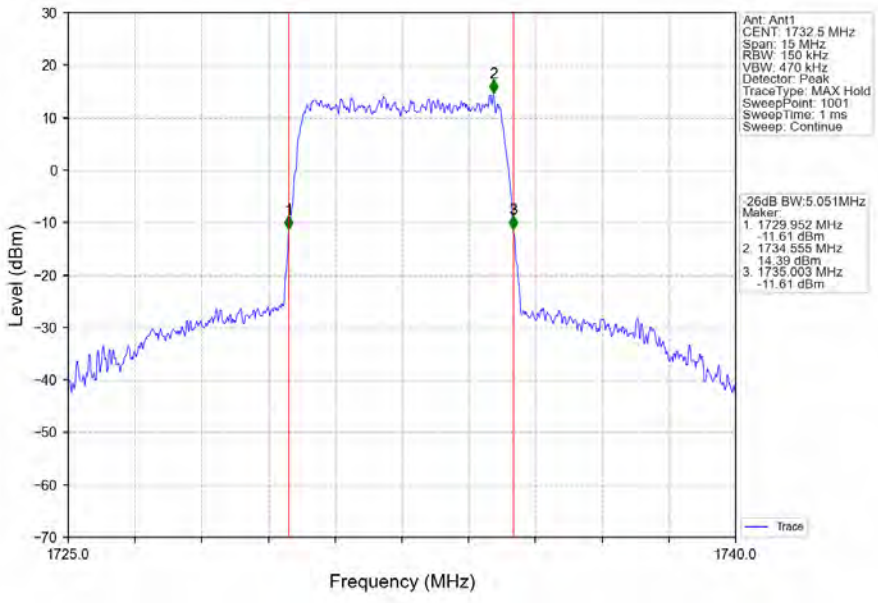

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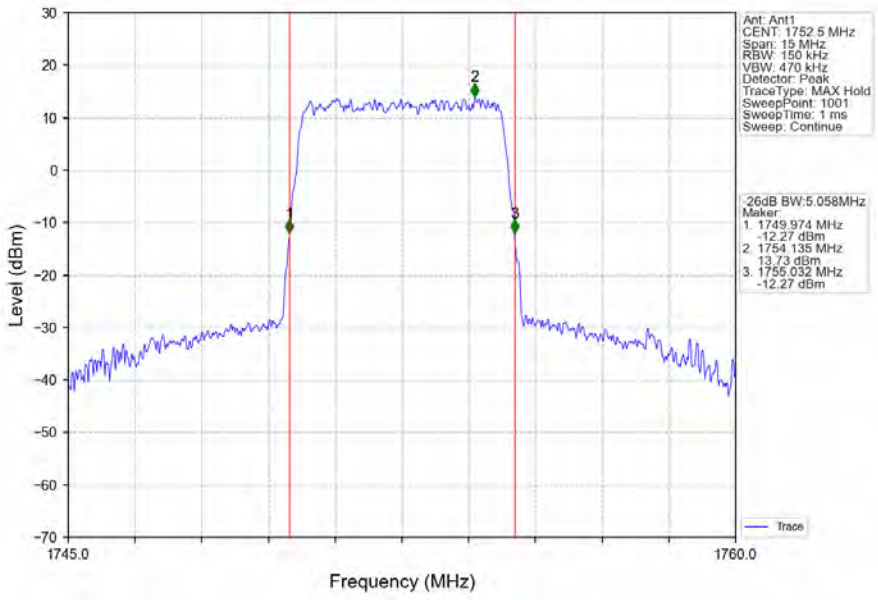

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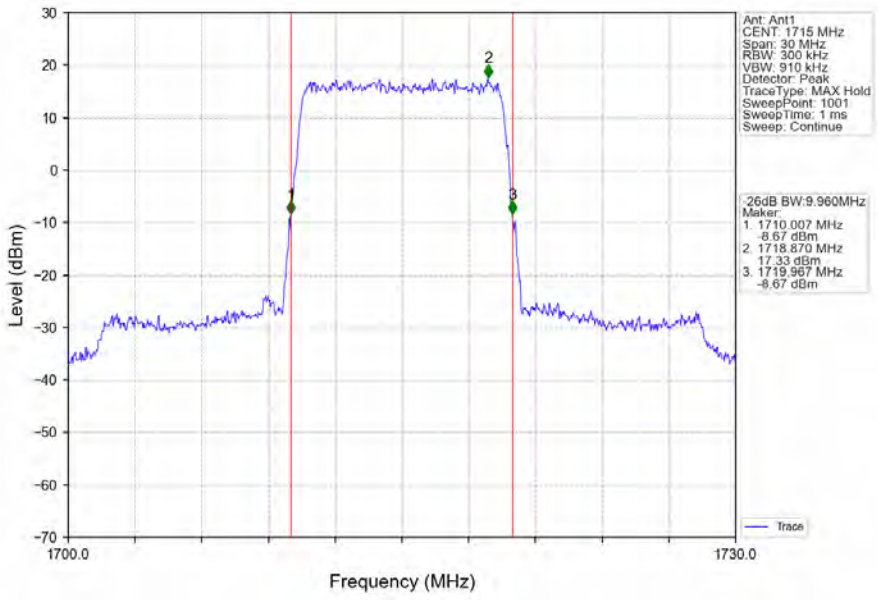

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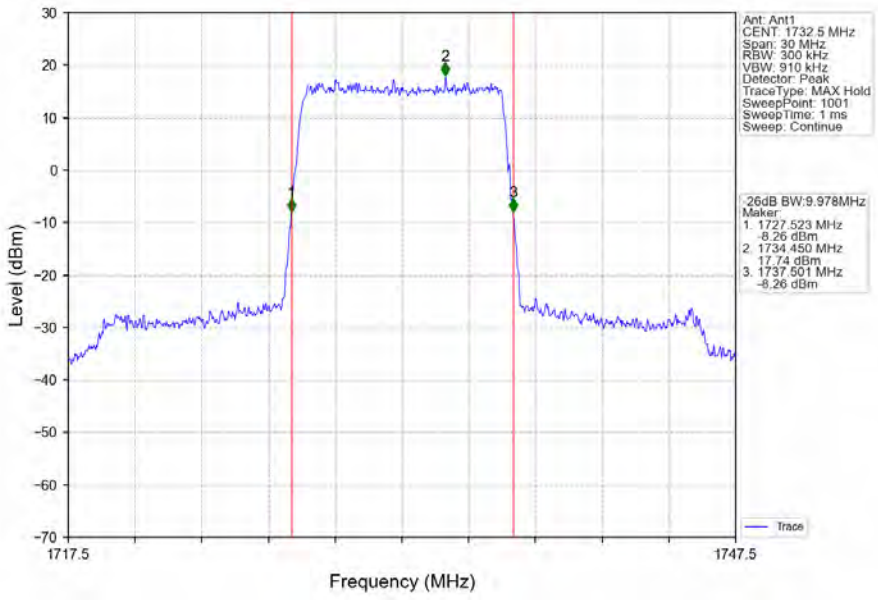

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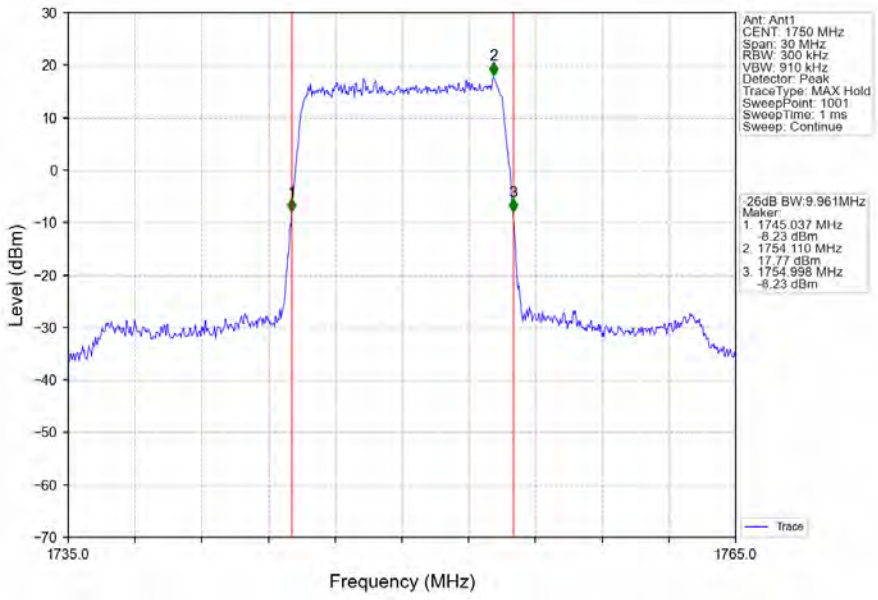

Band4_10MHz_16QAM_LCH_1715MHz_RB_50_0_NTNV

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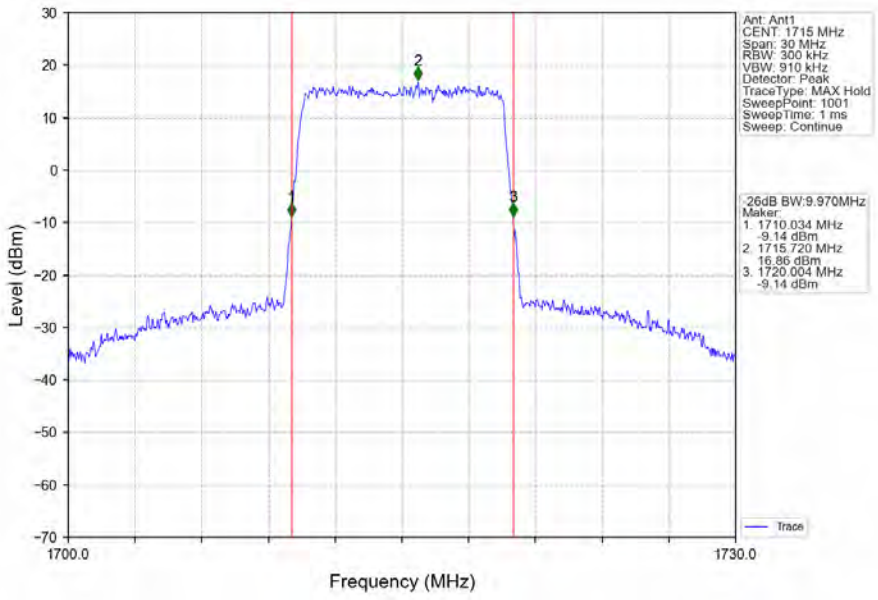

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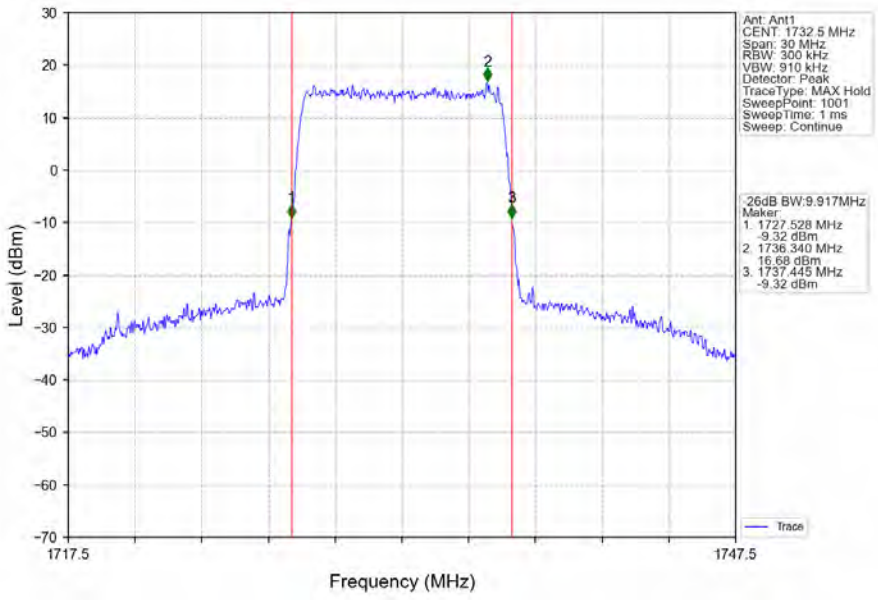
Band4_10MHz_16QAM_MCH_1732.5MHz_RB_50_0_NTNV



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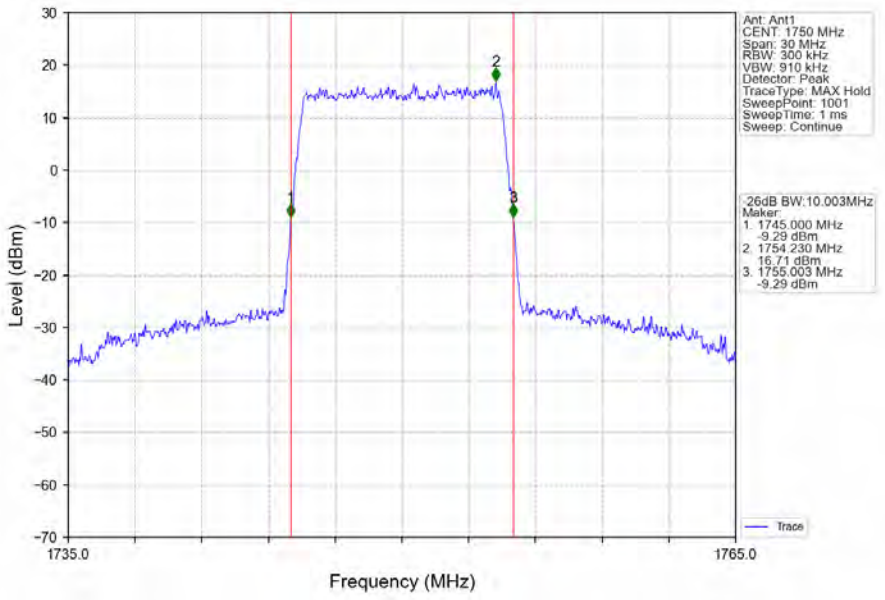

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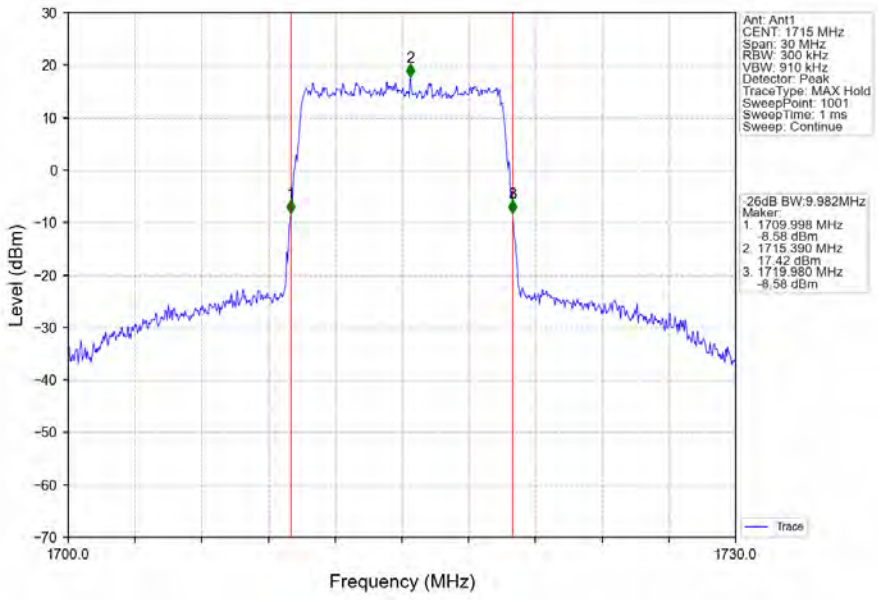
Band4_10MHz_64QAM_LCH_1715MHz_RB_50_0_NTNV



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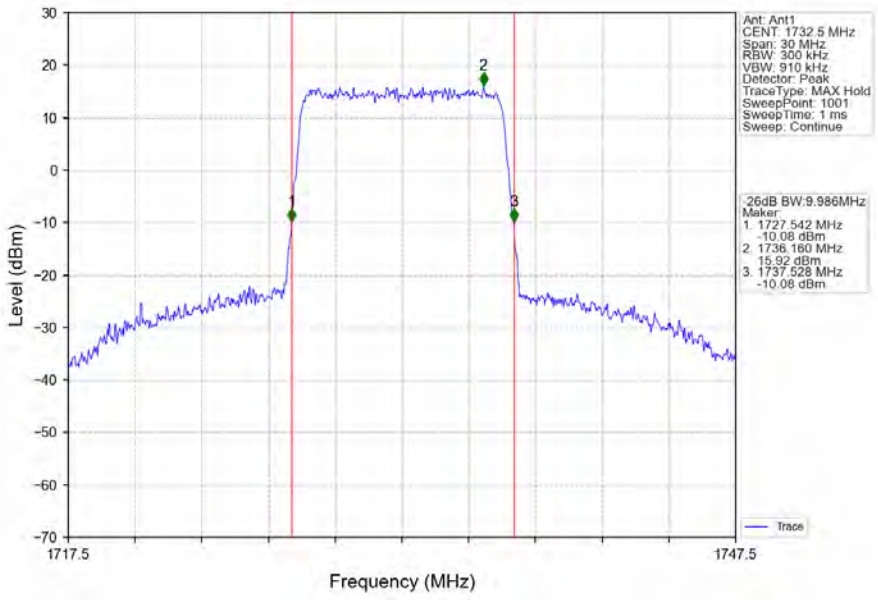

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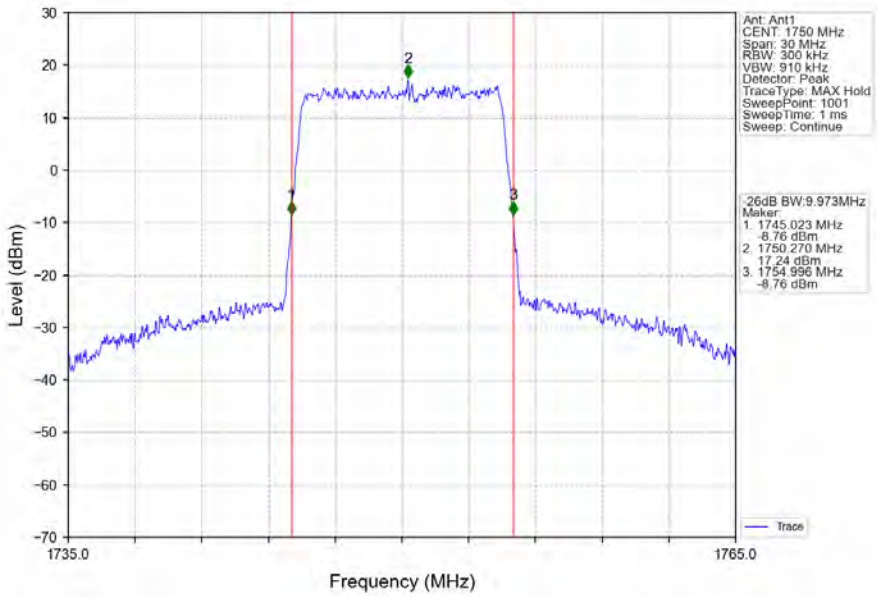

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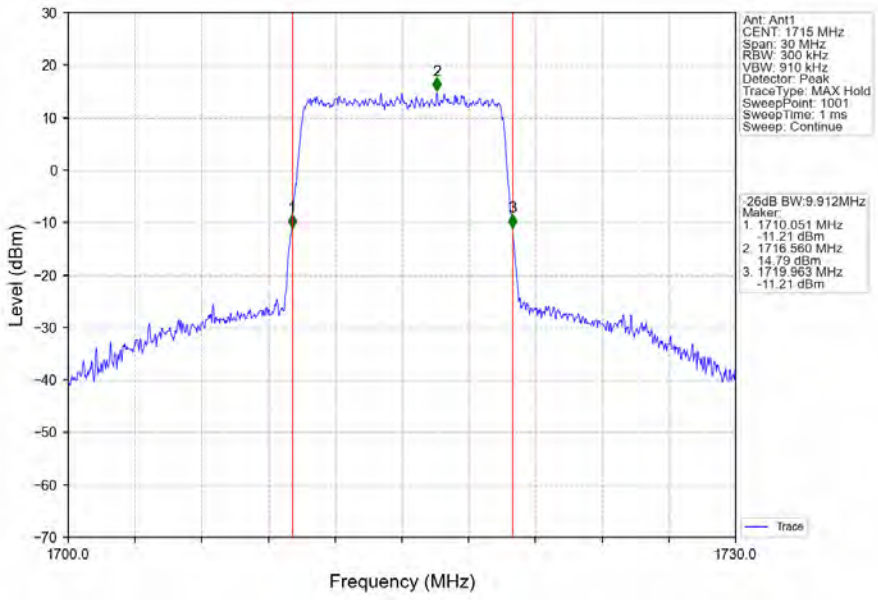

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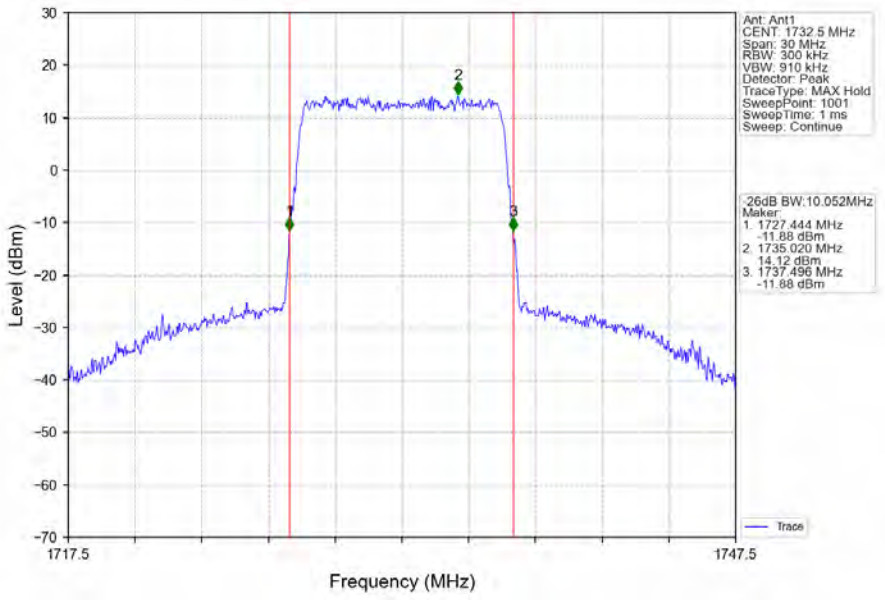

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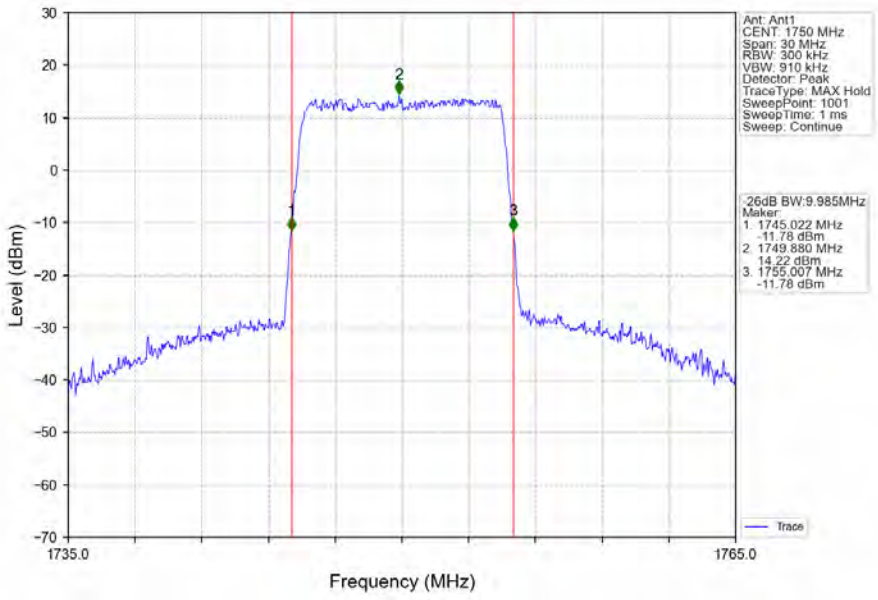

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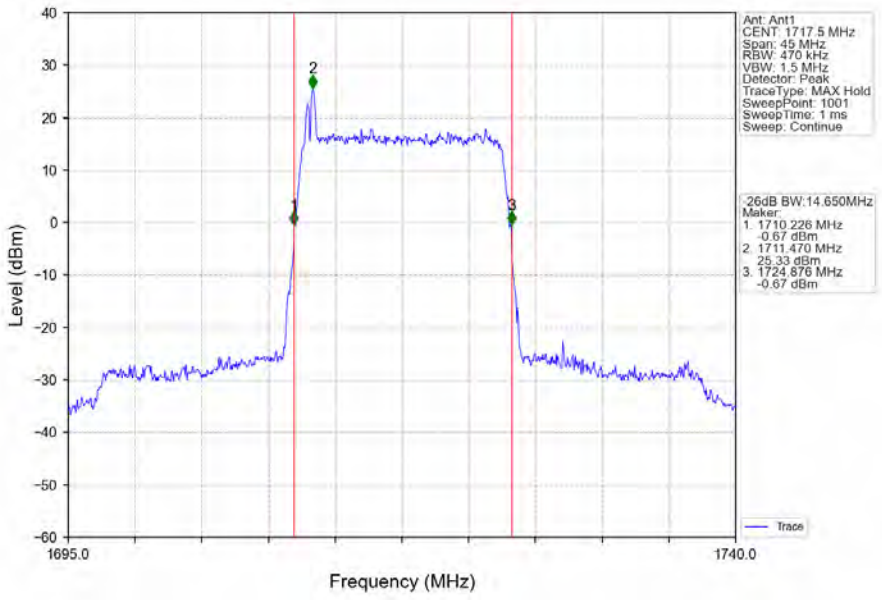

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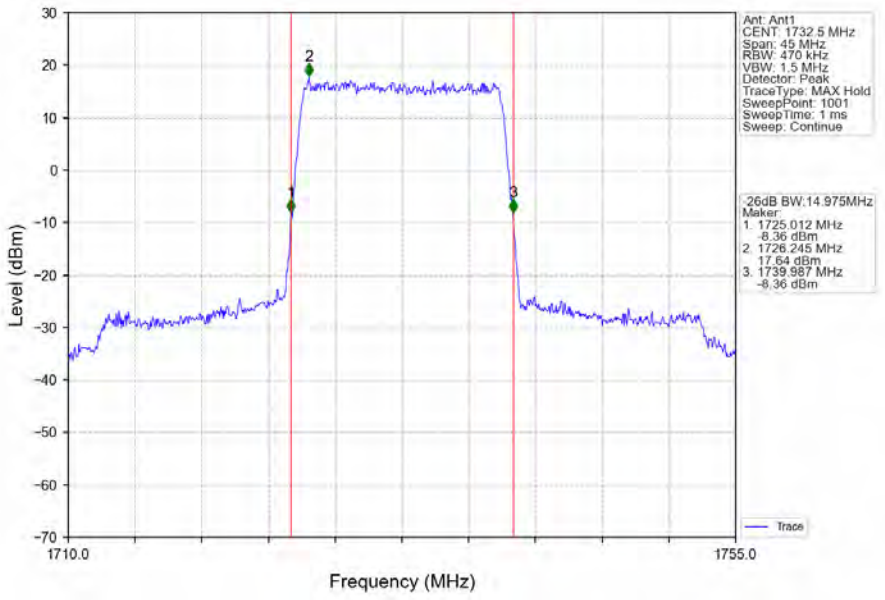

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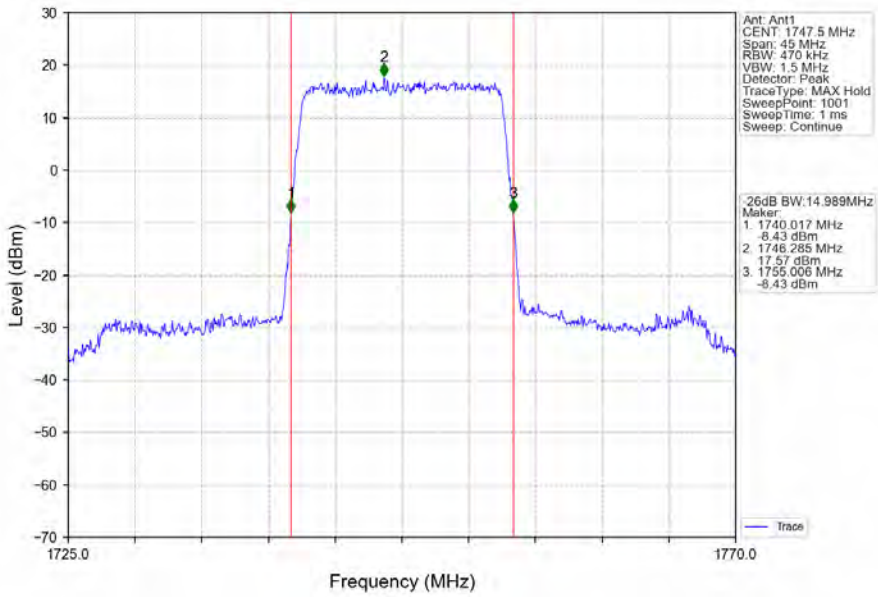

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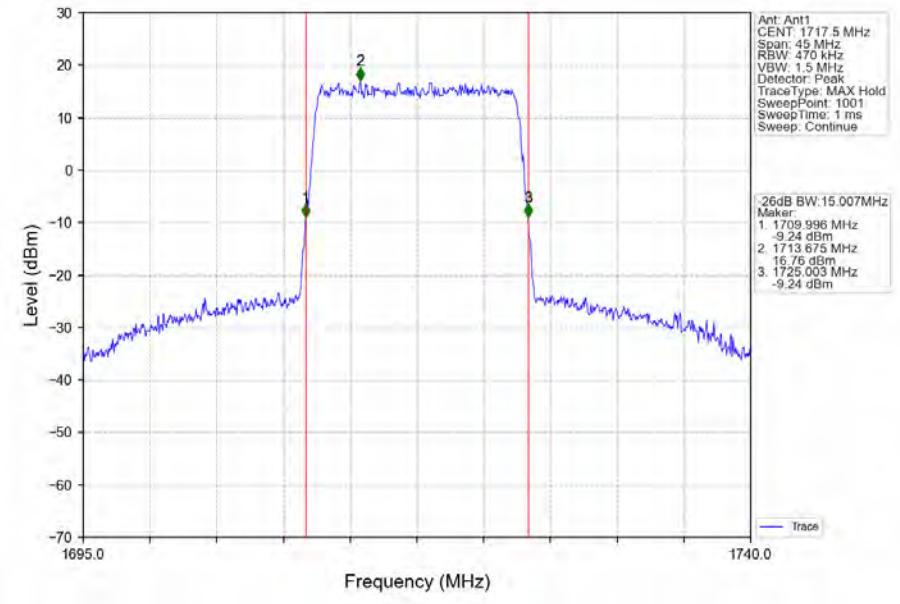

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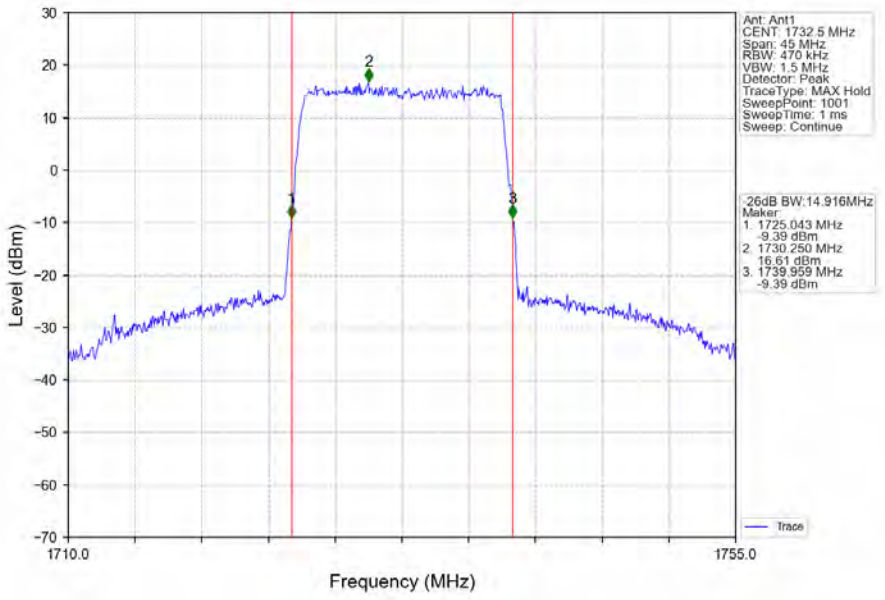
Band4_15MHz_16QAM_MCH_1732.5MHz_RB_75_0_NTNV



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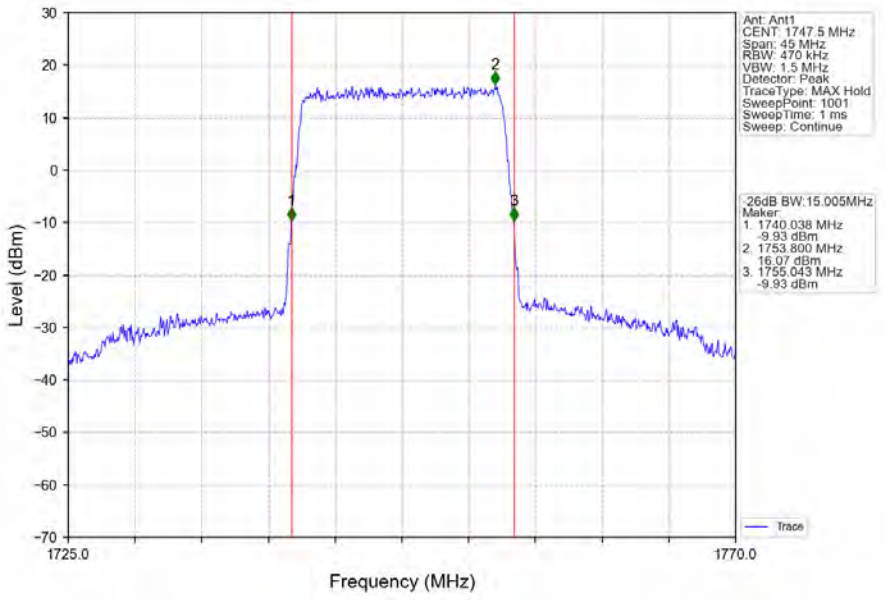

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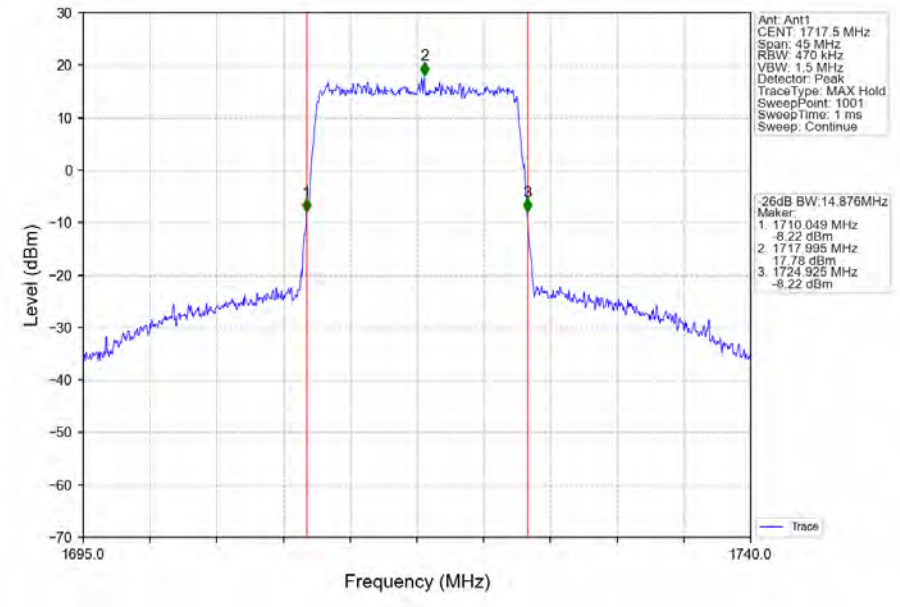
Band4_15MHz_64QAM_LCH_1717.5MHz_RB_75_0_NTNV



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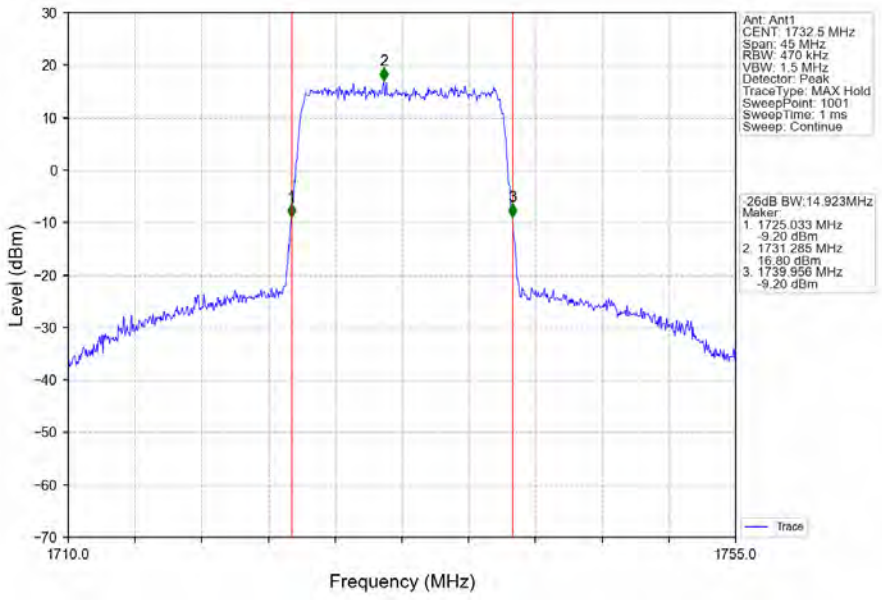

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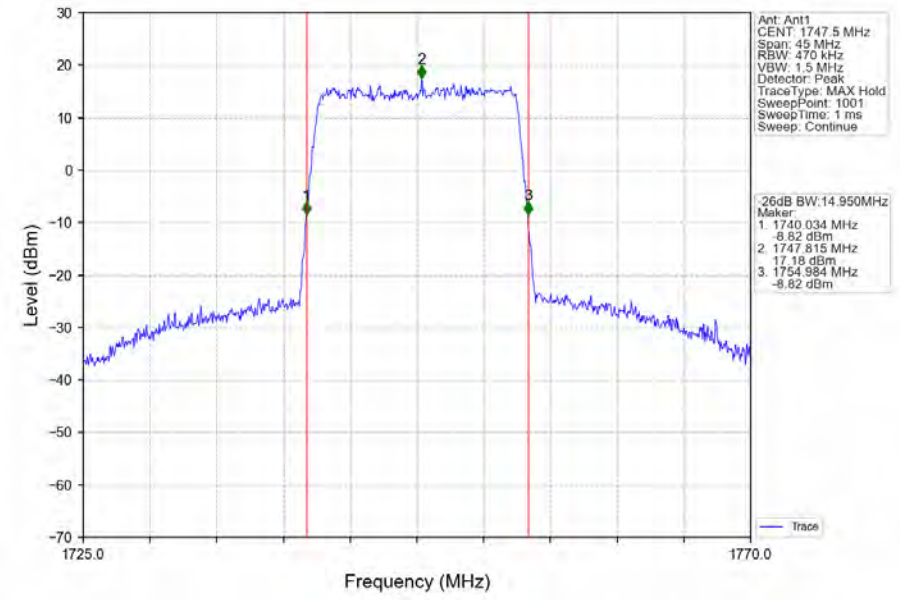

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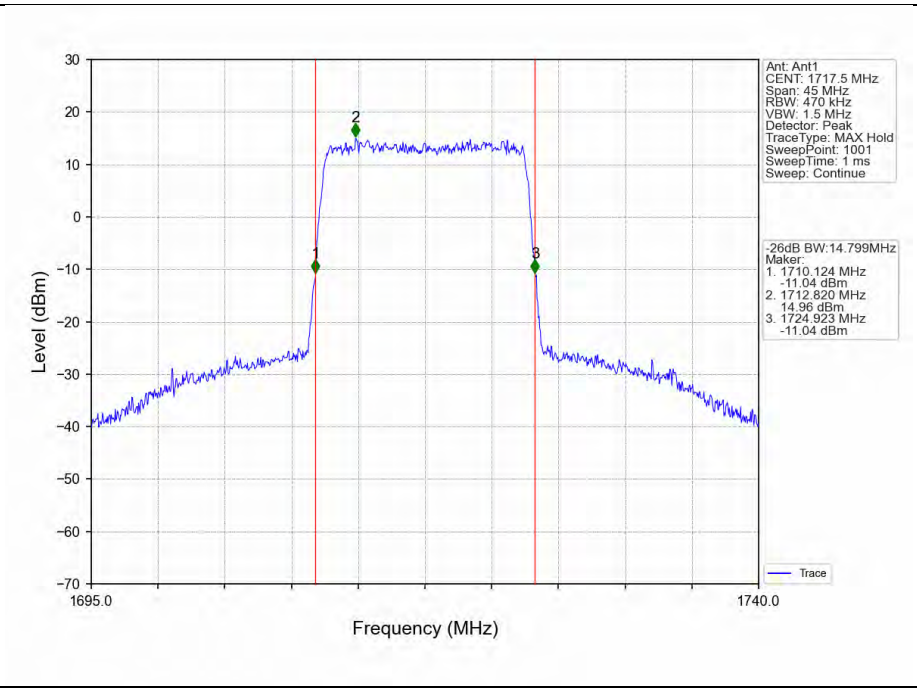

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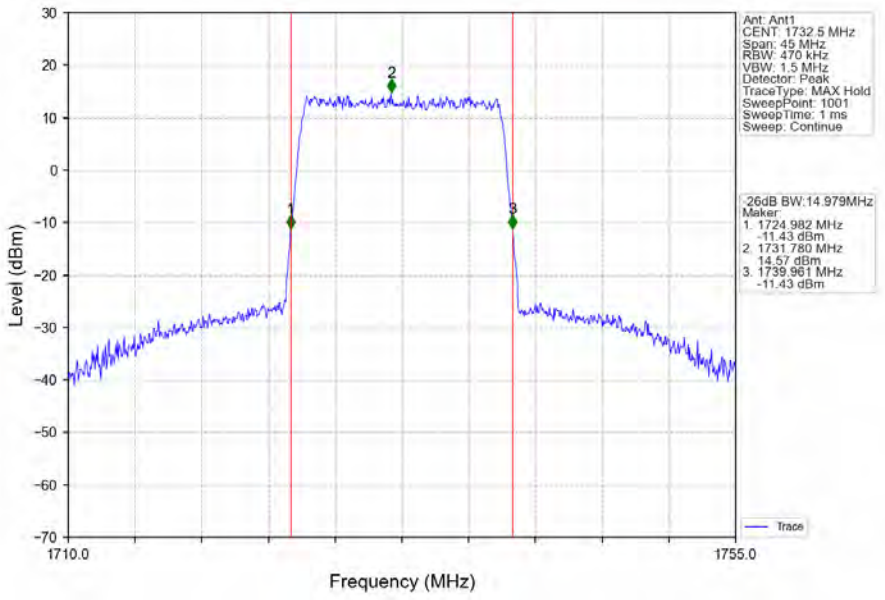
Band4_15MHz_256QAM_MCH_1732.5MHz_RB_75_0_NTNV



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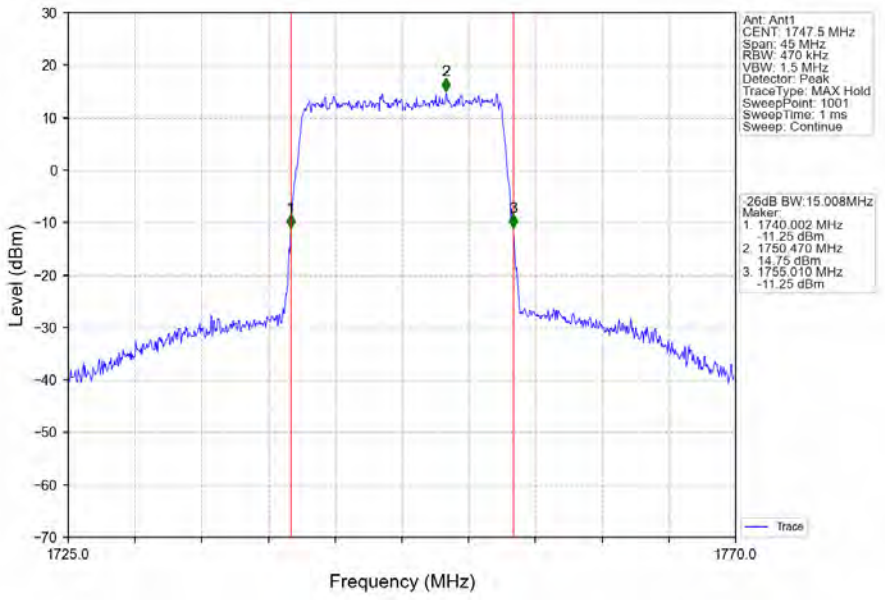

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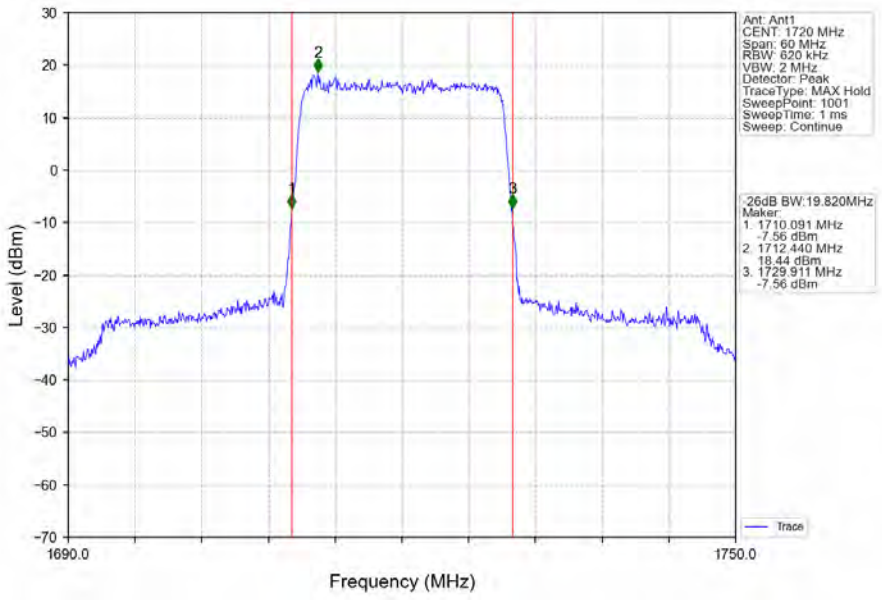
Band4_20MHz_QPSK_LCH_1720MHz_RB_100_0_NTNV



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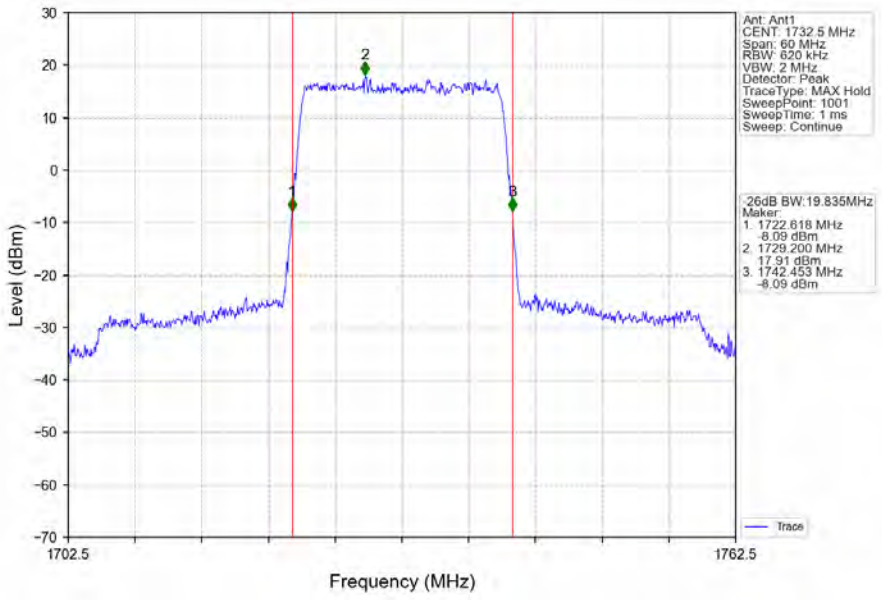

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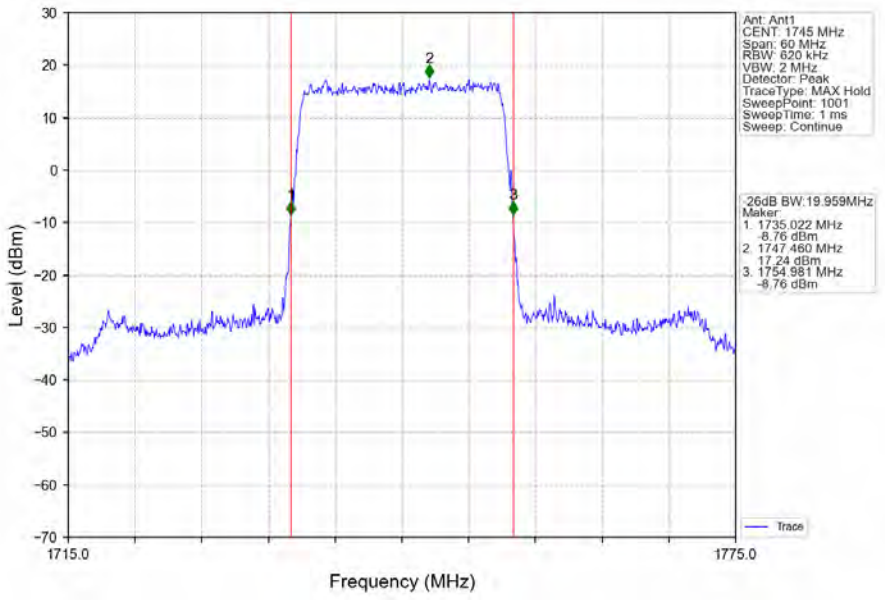

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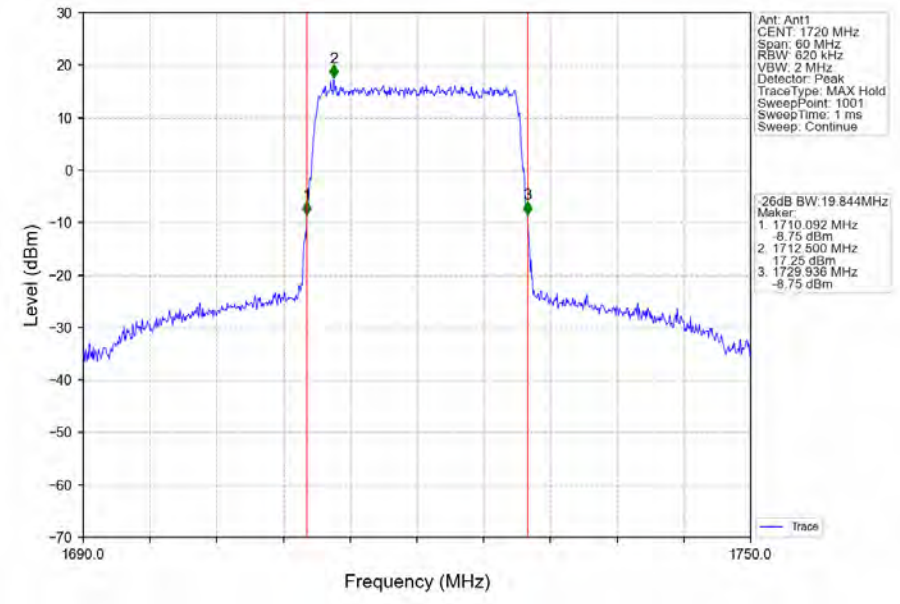

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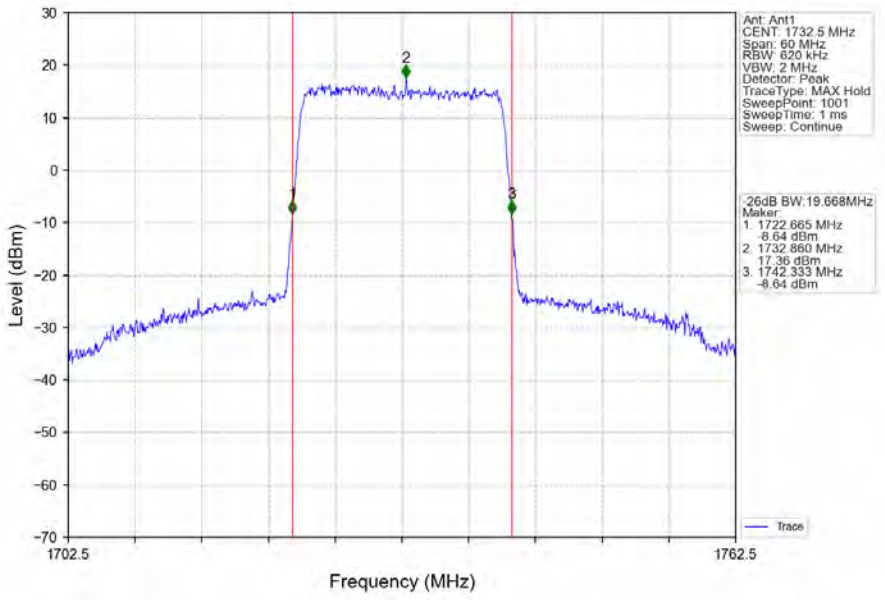

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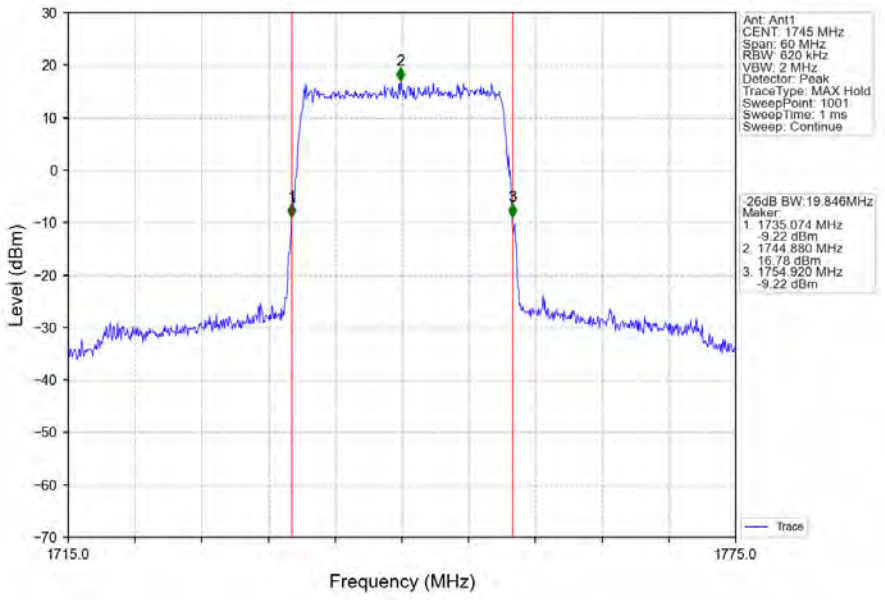

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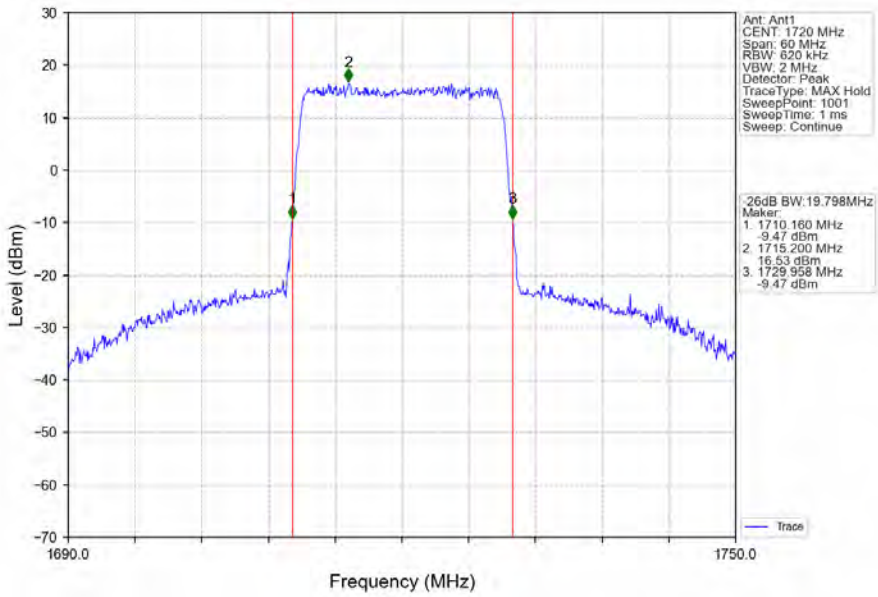
Band4_20MHz_64QAM_LCH_1720MHz_RB_100_0_NTNV



Band4_20MHz_64QAM_MCH_1732.5MHz_RB_100_0_NTNV

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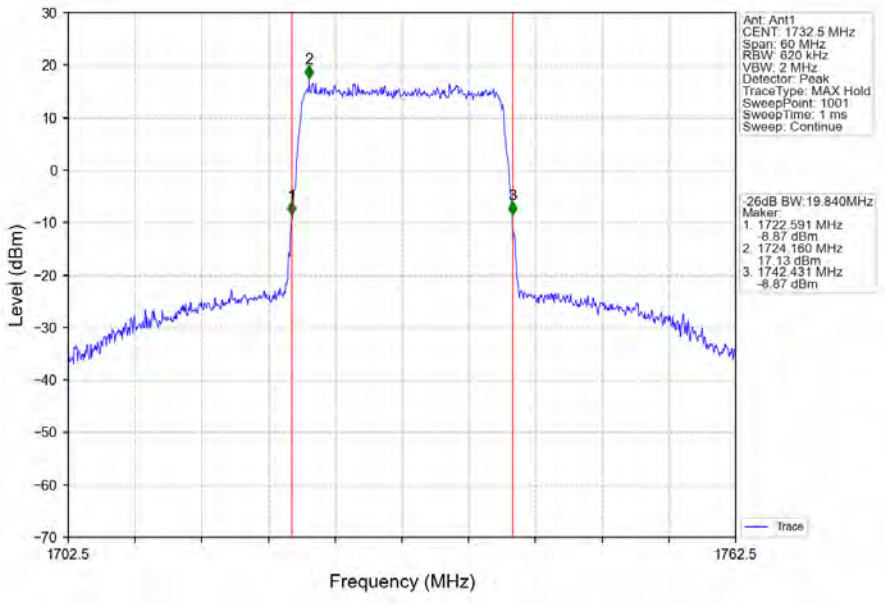

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