1. Effective (Isotropic) Radiated Power Output Data

1.1 B66_1.4MHz_EIRP

1.1.1 Test Result

Band: 66 / Bandwidth: 1.4MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1710.7	1	0	23.06	0.42	23.48	<=30	Pass
			2	23.20	0.42	23.62	<=30	Pass
			5	23.00	0.42	23.42	<=30	Pass
		3	0	23.10	0.42	23.52	<=30	Pass
			2	23.14	0.42	23.56	<=30	Pass
			3	23.13	0.42	23.55	<=30	Pass
		6	0	21.98	0.42	22.40	<=30	Pass
	1745	1	0	22.39	0.42	22.81	<=30	Pass
			2	22.61	0.42	23.03	<=30	Pass
			5	22.38	0.42	22.80	<=30	Pass
		3	0	22.56	0.42	22.98	<=30	Pass
			2	22.57	0.42	22.99	<=30	Pass
			3	22.55	0.42	22.97	<=30	Pass
		6	0	21.50	0.42	21.92	<=30	Pass
	1779.3	1	0	22.08	0.42	22.50	<=30	Pass
			2	22.23	0.42	22.65	<=30	Pass
			5	22.05	0.42	22.47	<=30	Pass
		3	0	22.23	0.42	22.65	<=30	Pass
			2	22.22	0.42	22.64	<=30	Pass
			3	22.19	0.42	22.61	<=30	Pass
		6	0	21.15	0.42	21.57	<=30	Pass
16QAM	1710.7	1	0	22.02	0.42	22.44	<=30	Pass
			2	22.18	0.42	22.60	<=30	Pass
			5	22.05	0.42	22.47	<=30	Pass
		3	0	22.09	0.42	22.51	<=30	Pass
			2	22.10	0.42	22.52	<=30	Pass
			3	22.07	0.42	22.49	<=30	Pass
		6	0	21.11	0.42	21.53	<=30	Pass
	1745	1	0	21.86	0.42	22.28	<=30	Pass
			2	21.99	0.42	22.41	<=30	Pass
			5	21.85	0.42	22.27	<=30	Pass
		3	0	21.76	0.42	22.18	<=30	Pass
			2	21.76	0.42	22.18	<=30	Pass
			3	21.70	0.42	22.12	<=30	Pass
		6	0	20.60	0.42	21.02	<=30	Pass
	1779.3	1	0	21.30	0.42	21.72	<=30	Pass
			2	21.47	0.42	21.89	<=30	Pass
			5	21.31	0.42	21.73	<=30	Pass
		3	0	21.26	0.42	21.68	<=30	Pass
			2	21.33	0.42	21.75	<=30	Pass
			3	21.28	0.42	21.70	<=30	Pass
		6	0	20.15	0.42	20.57	<=30	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.2 B66_3MHz_EIRP

1.2.1 Test Result

Band: 66 / Bandwidth: 3MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1711.5	1	0	23.05	0.42	23.47	<=30	Pass
			7	23.11	0.42	23.53	<=30	Pass
			14	23.02	0.42	23.44	<=30	Pass
		8	0	22.00	0.42	22.42	<=30	Pass
			4	22.07	0.42	22.49	<=30	Pass
			7	22.04	0.42	22.46	<=30	Pass
		15	0	22.00	0.42	22.42	<=30	Pass
	1745	1	0	22.62	0.42	23.04	<=30	Pass
			7	22.59	0.42	23.01	<=30	Pass
			14	22.64	0.42	23.06	<=30	Pass
		8	0	21.64	0.42	22.06	<=30	Pass
			4	21.60	0.42	22.02	<=30	Pass
			7	21.60	0.42	22.02	<=30	Pass
		15	0	21.57	0.42	21.99	<=30	Pass
	1778.5	1	0	22.15	0.42	22.57	<=30	Pass
			7	22.17	0.42	22.59	<=30	Pass
			14	22.13	0.42	22.55	<=30	Pass
		8	0	21.20	0.42	21.62	<=30	Pass
			4	21.26	0.42	21.68	<=30	Pass
			7	21.24	0.42	21.66	<=30	Pass
		15	0	21.13	0.42	21.55	<=30	Pass
16QAM	1711.5	1	0	22.26	0.42	22.68	<=30	Pass
			7	22.26	0.42	22.68	<=30	Pass
			14	22.12	0.42	22.54	<=30	Pass
		8	0	21.08	0.42	21.50	<=30	Pass
			4	21.11	0.42	21.53	<=30	Pass
			7	21.10	0.42	21.52	<=30	Pass
		15	0	21.09	0.42	21.51	<=30	Pass
	1745	1	0	21.75	0.42	22.17	<=30	Pass
			7	21.66	0.42	22.08	<=30	Pass
			14	21.65	0.42	22.07	<=30	Pass
		8	0	20.84	0.42	21.26	<=30	Pass
			4	20.82	0.42	21.24	<=30	Pass
			7	20.81	0.42	21.23	<=30	Pass
		15	0	20.69	0.42	21.11	<=30	Pass
	1778.5	1	0	21.29	0.42	21.71	<=30	Pass
			7	21.47	0.42	21.89	<=30	Pass
			14	21.41	0.42	21.83	<=30	Pass
		8	0	20.38	0.42	20.80	<=30	Pass
			4	20.45	0.42	20.87	<=30	Pass
			7	20.44	0.42	20.86	<=30	Pass
		15	0	20.23	0.42	20.65	<=30	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.3 B66_5MHz_EIRP

1.3.1 Test Result

Band: 66 / Bandwidth: 5MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1712.5	1	0	22.96	0.42	23.38	<=30	Pass
			13	23.02	0.42	23.44	<=30	Pass
			24	22.92	0.42	23.34	<=30	Pass
		12	0	21.91	0.42	22.33	<=30	Pass
			6	21.99	0.42	22.41	<=30	Pass
			13	21.93	0.42	22.35	<=30	Pass
		25	0	21.95	0.42	22.37	<=30	Pass
	1745	1	0	22.48	0.42	22.90	<=30	Pass
			13	22.54	0.42	22.96	<=30	Pass
			24	22.41	0.42	22.83	<=30	Pass
		12	0	21.53	0.42	21.95	<=30	Pass
			6	21.56	0.42	21.98	<=30	Pass
			13	21.52	0.42	21.94	<=30	Pass
		25	0	21.52	0.42	21.94	<=30	Pass
	1777.5	1	0	21.98	0.42	22.40	<=30	Pass
			13	22.13	0.42	22.55	<=30	Pass
			24	21.99	0.42	22.41	<=30	Pass
		12	0	21.13	0.42	21.55	<=30	Pass
			6	21.15	0.42	21.57	<=30	Pass
			13	21.13	0.42	21.55	<=30	Pass
		25	0	21.12	0.42	21.54	<=30	Pass
16QAM	1712.5	1	0	22.21	0.42	22.63	<=30	Pass
			13	22.28	0.42	22.70	<=30	Pass
			24	22.13	0.42	22.55	<=30	Pass
		12	0	20.92	0.42	21.34	<=30	Pass
			6	20.98	0.42	21.40	<=30	Pass
			13	20.92	0.42	21.34	<=30	Pass
		25	0	21.02	0.42	21.44	<=30	Pass
	1745	1	0	21.71	0.42	22.13	<=30	Pass
			13	21.77	0.42	22.19	<=30	Pass
			24	21.64	0.42	22.06	<=30	Pass
		12	0	20.55	0.42	20.97	<=30	Pass
			6	20.56	0.42	20.98	<=30	Pass
			13	20.48	0.42	20.90	<=30	Pass
		25	0	20.58	0.42	21.00	<=30	Pass
	1777.5	1	0	21.25	0.42	21.67	<=30	Pass
			13	21.36	0.42	21.78	<=30	Pass
			24	21.26	0.42	21.68	<=30	Pass
		12	0	20.18	0.42	20.60	<=30	Pass
			6	20.21	0.42	20.63	<=30	Pass
			13	20.19	0.42	20.61	<=30	Pass
		25	0	20.20	0.42	20.62	<=30	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.4 B66_10MHz_EIRP

1.4.1 Test Result

Band: 66 / Bandwidth: 10MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1715	1	0	22.96	0.42	23.38	<=30	Pass
			25	23.15	0.42	23.57	<=30	Pass
			49	22.86	0.42	23.28	<=30	Pass
		25	0	21.94	0.42	22.36	<=30	Pass
			13	21.98	0.42	22.40	<=30	Pass
			25	21.96	0.42	22.38	<=30	Pass
		50	0	21.96	0.42	22.38	<=30	Pass
	1745	1	0	22.67	0.42	23.09	<=30	Pass
			25	22.69	0.42	23.11	<=30	Pass
			49	22.44	0.42	22.86	<=30	Pass
		25	0	21.62	0.42	22.04	<=30	Pass
			13	21.60	0.42	22.02	<=30	Pass
			25	21.58	0.42	22.00	<=30	Pass
		50	0	21.62	0.42	22.04	<=30	Pass
	1775	1	0	22.04	0.42	22.46	<=30	Pass
			25	22.22	0.42	22.64	<=30	Pass
			49	22.07	0.42	22.49	<=30	Pass
		25	0	21.25	0.42	21.67	<=30	Pass
			13	21.19	0.42	21.61	<=30	Pass
			25	21.10	0.42	21.52	<=30	Pass
		50	0	21.20	0.42	21.62	<=30	Pass
16QAM	1715	1	0	22.13	0.42	22.55	<=30	Pass
			25	22.29	0.42	22.71	<=30	Pass
			49	22.05	0.42	22.47	<=30	Pass
		25	0	20.99	0.42	21.41	<=30	Pass
			13	21.06	0.42	21.48	<=30	Pass
			25	21.01	0.42	21.43	<=30	Pass
		50	0	20.97	0.42	21.39	<=30	Pass
	1745	1	0	21.64	0.42	22.06	<=30	Pass
			25	21.81	0.42	22.23	<=30	Pass
			49	21.51	0.42	21.93	<=30	Pass
		25	0	20.71	0.42	21.13	<=30	Pass
			13	20.68	0.42	21.10	<=30	Pass
			25	20.66	0.42	21.08	<=30	Pass
		50	0	20.67	0.42	21.09	<=30	Pass
	1775	1	0	21.25	0.42	21.67	<=30	Pass
			25	21.47	0.42	21.89	<=30	Pass
			49	21.30	0.42	21.72	<=30	Pass
		25	0	20.32	0.42	20.74	<=30	Pass
			13	20.26	0.42	20.68	<=30	Pass
			25	20.23	0.42	20.65	<=30	Pass
		50	0	20.23	0.42	20.65	<=30	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.5 B66_15MHz_EIRP

1.5.1 Test Result

Band: 66 / Bandwidth: 15MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1717.5	1	0	22.87	0.42	23.29	<=30	Pass
			38	22.92	0.42	23.34	<=30	Pass
			74	22.66	0.42	23.08	<=30	Pass
		36	0	21.92	0.42	22.34	<=30	Pass
			18	21.95	0.42	22.37	<=30	Pass
			39	21.84	0.42	22.26	<=30	Pass
		75	0	21.89	0.42	22.31	<=30	Pass
	1745	1	0	22.57	0.42	22.99	<=30	Pass
			38	22.56	0.42	22.98	<=30	Pass
			74	22.24	0.42	22.66	<=30	Pass
		36	0	21.53	0.42	21.95	<=30	Pass
			18	21.56	0.42	21.98	<=30	Pass
			39	21.49	0.42	21.91	<=30	Pass
		75	0	21.52	0.42	21.94	<=30	Pass
	1772.5	1	0	22.01	0.42	22.43	<=30	Pass
			38	22.11	0.42	22.53	<=30	Pass
			74	21.95	0.42	22.37	<=30	Pass
		36	0	21.26	0.42	21.68	<=30	Pass
			18	21.23	0.42	21.65	<=30	Pass
			39	21.13	0.42	21.55	<=30	Pass
		75	0	21.21	0.42	21.63	<=30	Pass
16QAM	1717.5	1	0	22.31	0.42	22.73	<=30	Pass
			38	22.37	0.42	22.79	<=30	Pass
			74	22.08	0.42	22.50	<=30	Pass
		36	0	20.89	0.42	21.31	<=30	Pass
			18	20.91	0.42	21.33	<=30	Pass
			39	20.82	0.42	21.24	<=30	Pass
		75	0	20.91	0.42	21.33	<=30	Pass
	1745	1	0	21.56	0.42	21.98	<=30	Pass
			38	21.64	0.42	22.06	<=30	Pass
			74	21.32	0.42	21.74	<=30	Pass
		36	0	20.59	0.42	21.01	<=30	Pass
			18	20.58	0.42	21.00	<=30	Pass
			39	20.51	0.42	20.93	<=30	Pass
		75	0	20.57	0.42	20.99	<=30	Pass
	1772.5	1	0	21.19	0.42	21.61	<=30	Pass
			38	21.32	0.42	21.74	<=30	Pass
			74	21.14	0.42	21.56	<=30	Pass
		36	0	20.25	0.42	20.67	<=30	Pass
			18	20.23	0.42	20.65	<=30	Pass
			39	20.13	0.42	20.55	<=30	Pass
		75	0	20.18	0.42	20.60	<=30	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.6 B66_20MHz_EIRP

1.6.1 Test Result

Band: 66 / Bandwidth: 20MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1720	1	0	22.76	0.42	23.18	<=30	Pass
			50	23.05	0.42	23.47	<=30	Pass
			99	22.51	0.42	22.93	<=30	Pass
		50	0	21.85	0.42	22.27	<=30	Pass
			25	21.88	0.42	22.30	<=30	Pass
			50	21.78	0.42	22.20	<=30	Pass
		100	0	21.81	0.42	22.23	<=30	Pass
	1745	1	0	22.35	0.42	22.77	<=30	Pass
			50	22.56	0.42	22.98	<=30	Pass
			99	21.98	0.42	22.40	<=30	Pass
		50	0	21.64	0.42	22.06	<=30	Pass
			25	21.58	0.42	22.00	<=30	Pass
			50	21.51	0.42	21.93	<=30	Pass
		100	0	21.54	0.42	21.96	<=30	Pass
	1770	1	0	21.89	0.42	22.31	<=30	Pass
			50	22.26	0.42	22.68	<=30	Pass
			99	21.85	0.42	22.27	<=30	Pass
		50	0	21.21	0.42	21.63	<=30	Pass
			25	21.15	0.42	21.57	<=30	Pass
			50	21.01	0.42	21.43	<=30	Pass
		100	0	21.12	0.42	21.54	<=30	Pass
16QAM	1720	1	0	21.95	0.42	22.37	<=30	Pass
			50	22.19	0.42	22.61	<=30	Pass
			99	21.72	0.42	22.14	<=30	Pass
		50	0	20.90	0.42	21.32	<=30	Pass
			25	20.95	0.42	21.37	<=30	Pass
			50	20.85	0.42	21.27	<=30	Pass
		100	0	20.91	0.42	21.33	<=30	Pass
	1745	1	0	21.81	0.42	22.23	<=30	Pass
			50	22.10	0.42	22.52	<=30	Pass
			99	21.46	0.42	21.88	<=30	Pass
		50	0	20.73	0.42	21.15	<=30	Pass
			25	20.63	0.42	21.05	<=30	Pass
			50	20.55	0.42	20.97	<=30	Pass
		100	0	20.66	0.42	21.08	<=30	Pass
	1770	1	0	21.10	0.42	21.52	<=30	Pass
			50	21.44	0.42	21.86	<=30	Pass
			99	21.06	0.42	21.48	<=30	Pass
		50	0	20.23	0.42	20.65	<=30	Pass
			25	20.17	0.42	20.59	<=30	Pass
			50	20.09	0.42	20.51	<=30	Pass
		100	0	20.17	0.42	20.59	<=30	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

2. Frequency Stability

2.1 B66_1.4MHz

2.1.1 Test Result

Band: 66 / Bandwidth: 1.4MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1710.7	6	0	20	3.27	-39.911	-0.0233	-2.5 to 2.5	Pass
					3.85	-16.322	-0.0095	-2.5 to 2.5	Pass
					4.43	-12.274	-0.0072	-2.5 to 2.5	Pass
				-30	3.85	-15.707	-0.0092	-2.5 to 2.5	Pass
				-20	3.85	-8.411	-0.0049	-2.5 to 2.5	Pass
				-10	3.85	-1.359	-0.0008	-2.5 to 2.5	Pass
				0	3.85	-14.734	-0.0086	-2.5 to 2.5	Pass
				10	3.85	-10.672	-0.0062	-2.5 to 2.5	Pass
				30	3.85	-8.826	-0.0052	-2.5 to 2.5	Pass
				40	3.85	-14.133	-0.0083	-2.5 to 2.5	Pass
				50	3.85	-5.908	-0.0035	-2.5 to 2.5	Pass
	1745	6	0	20	3.27	-9.584	-0.0055	-2.5 to 2.5	Pass
					3.85	10.200	0.0058	-2.5 to 2.5	Pass
					4.43	-14.319	-0.0082	-2.5 to 2.5	Pass
				-30	3.85	-9.341	-0.0054	-2.5 to 2.5	Pass
				-20	3.85	-9.770	-0.0056	-2.5 to 2.5	Pass
				-10	3.85	0.830	0.0005	-2.5 to 2.5	Pass
				0	3.85	0.243	0.0001	-2.5 to 2.5	Pass
				10	3.85	-7.682	-0.0044	-2.5 to 2.5	Pass
				30	3.85	-15.607	-0.0089	-2.5 to 2.5	Pass
				40	3.85	9.098	0.0052	-2.5 to 2.5	Pass
				50	3.85	-6.337	-0.0036	-2.5 to 2.5	Pass
	1779.3	6	0	20	3.27	0.744	0.0004	-2.5 to 2.5	Pass
					3.85	-14.305	-0.0080	-2.5 to 2.5	Pass
					4.43	-6.952	-0.0039	-2.5 to 2.5	Pass
				-30	3.85	12.288	0.0069	-2.5 to 2.5	Pass
				-20	3.85	-16.007	-0.0090	-2.5 to 2.5	Pass
				-10	3.85	-13.232	-0.0074	-2.5 to 2.5	Pass
				0	3.85	-11.358	-0.0064	-2.5 to 2.5	Pass
				10	3.85	3.877	0.0022	-2.5 to 2.5	Pass
				30	3.85	4.821	0.0027	-2.5 to 2.5	Pass
				40	3.85	-10.271	-0.0058	-2.5 to 2.5	Pass
				50	3.85	-10.915	-0.0061	-2.5 to 2.5	Pass
16QAM	1710.7	6	0	20	3.27	-11.659	-0.0068	-2.5 to 2.5	Pass
					3.85	-10.386	-0.0061	-2.5 to 2.5	Pass
					4.43	-16.894	-0.0099	-2.5 to 2.5	Pass
				-30	3.85	-2.789	-0.0016	-2.5 to 2.5	Pass
				-20	3.85	-5.450	-0.0032	-2.5 to 2.5	Pass
				-10	3.85	-4.463	-0.0026	-2.5 to 2.5	Pass
				0	3.85	7.339	0.0043	-2.5 to 2.5	Pass
				10	3.85	-8.655	-0.0051	-2.5 to 2.5	Pass
				30	3.85	-10.715	-0.0063	-2.5 to 2.5	Pass
				40	3.85	-8.082	-0.0047	-2.5 to 2.5	Pass
				50	3.85	-8.755	-0.0051	-2.5 to 2.5	Pass
	1745	6	0	20	3.27	-7.939	-0.0045	-2.5 to 2.5	Pass
					3.85	-6.952	-0.0040	-2.5 to 2.5	Pass

					4.43	1.001	0.0006	-2.5 to 2.5	Pass
				-30	3.85	-0.873	-0.0005	-2.5 to 2.5	Pass
				-20	3.85	6.194	0.0035	-2.5 to 2.5	Pass
				-10	3.85	-1.888	-0.0011	-2.5 to 2.5	Pass
				0	3.85	-4.692	-0.0027	-2.5 to 2.5	Pass
				10	3.85	-16.365	-0.0094	-2.5 to 2.5	Pass
				30	3.85	-5.307	-0.0030	-2.5 to 2.5	Pass
				40	3.85	-5.493	-0.0031	-2.5 to 2.5	Pass
				50	3.85	-8.583	-0.0049	-2.5 to 2.5	Pass
	1779.3	6	0	20	3.27	-1.130	-0.0006	-2.5 to 2.5	Pass
					3.85	-9.656	-0.0054	-2.5 to 2.5	Pass
					4.43	0.272	0.0002	-2.5 to 2.5	Pass
				-30	3.85	-0.315	-0.0002	-2.5 to 2.5	Pass
				-20	3.85	2.317	0.0013	-2.5 to 2.5	Pass
				-10	3.85	-13.332	-0.0075	-2.5 to 2.5	Pass
				0	3.85	13.404	0.0075	-2.5 to 2.5	Pass
				10	3.85	3.676	0.0021	-2.5 to 2.5	Pass
				30	3.85	-17.724	-0.0100	-2.5 to 2.5	Pass
				40	3.85	3.662	0.0021	-2.5 to 2.5	Pass
				50	3.85	-3.276	-0.0018	-2.5 to 2.5	Pass

2.2 B66_3MHz

2.2.1 Test Result

Band: 66 / Bandwidth: 3MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1711.5	15	0	20	3.27	-10.529	-0.0062	-2.5 to 2.5	Pass
					3.85	-7.153	-0.0042	-2.5 to 2.5	Pass
					4.43	13.990	0.0082	-2.5 to 2.5	Pass
				-30	3.85	-14.148	-0.0083	-2.5 to 2.5	Pass
				-20	3.85	-6.967	-0.0041	-2.5 to 2.5	Pass
				-10	3.85	-5.651	-0.0033	-2.5 to 2.5	Pass
				0	3.85	-15.178	-0.0089	-2.5 to 2.5	Pass
				10	3.85	-3.090	-0.0018	-2.5 to 2.5	Pass
				30	3.85	-11.487	-0.0067	-2.5 to 2.5	Pass
				40	3.85	-0.858	-0.0005	-2.5 to 2.5	Pass
				50	3.85	-7.381	-0.0043	-2.5 to 2.5	Pass
	1745	15	0	20	3.27	-16.637	-0.0095	-2.5 to 2.5	Pass
					3.85	15.092	0.0086	-2.5 to 2.5	Pass
					4.43	2.561	0.0015	-2.5 to 2.5	Pass
				-30	3.85	-2.189	-0.0013	-2.5 to 2.5	Pass
				-20	3.85	-3.190	-0.0018	-2.5 to 2.5	Pass
				-10	3.85	2.232	0.0013	-2.5 to 2.5	Pass
				0	3.85	0.429	0.0002	-2.5 to 2.5	Pass
				10	3.85	-12.932	-0.0074	-2.5 to 2.5	Pass
				30	3.85	-5.608	-0.0032	-2.5 to 2.5	Pass
				40	3.85	-12.674	-0.0073	-2.5 to 2.5	Pass
				50	3.85	-7.753	-0.0044	-2.5 to 2.5	Pass
	1778.5	15	0	20	3.27	-17.495	-0.0098	-2.5 to 2.5	Pass
					3.85	9.642	0.0054	-2.5 to 2.5	Pass
					4.43	9.456	0.0053	-2.5 to 2.5	Pass
				-30	3.85	-17.710	-0.0100	-2.5 to 2.5	Pass
				-20	3.85	-20.800	-0.0117	-2.5 to 2.5	Pass

				-10	3.85	5.579	0.0031	-2.5 to 2.5	Pass
				0	3.85	-16.708	-0.0094	-2.5 to 2.5	Pass
				10	3.85	4.978	0.0028	-2.5 to 2.5	Pass
				30	3.85	29.125	0.0164	-2.5 to 2.5	Pass
				40	3.85	-19.012	-0.0107	-2.5 to 2.5	Pass
				50	3.85	-18.854	-0.0106	-2.5 to 2.5	Pass
16QAM	1711.5	15	0	20	3.27	-17.996	-0.0105	-2.5 to 2.5	Pass
					3.85	-7.753	-0.0045	-2.5 to 2.5	Pass
					4.43	-7.854	-0.0046	-2.5 to 2.5	Pass
				-30	3.85	1.373	0.0008	-2.5 to 2.5	Pass
				-20	3.85	-20.142	-0.0118	-2.5 to 2.5	Pass
				-10	3.85	-12.445	-0.0073	-2.5 to 2.5	Pass
				0	3.85	-4.892	-0.0029	-2.5 to 2.5	Pass
				10	3.85	-21.343	-0.0125	-2.5 to 2.5	Pass
				30	3.85	-25.892	-0.0151	-2.5 to 2.5	Pass
				40	3.85	30.398	0.0178	-2.5 to 2.5	Pass
				50	3.85	-4.849	-0.0028	-2.5 to 2.5	Pass
	1745	15	0	20	3.27	4.592	0.0026	-2.5 to 2.5	Pass
					3.85	4.435	0.0025	-2.5 to 2.5	Pass
					4.43	-1.373	-0.0008	-2.5 to 2.5	Pass
				-30	3.85	-23.575	-0.0135	-2.5 to 2.5	Pass
				-20	3.85	-12.245	-0.0070	-2.5 to 2.5	Pass
				-10	3.85	-0.300	-0.0002	-2.5 to 2.5	Pass
				0	3.85	-29.812	-0.0171	-2.5 to 2.5	Pass
				10	3.85	-2.289	-0.0013	-2.5 to 2.5	Pass
				30	3.85	7.639	0.0044	-2.5 to 2.5	Pass
				40	3.85	-21.744	-0.0125	-2.5 to 2.5	Pass
				50	3.85	34.819	0.0200	-2.5 to 2.5	Pass
	1778.5	15	0	20	3.27	-7.510	-0.0042	-2.5 to 2.5	Pass
					3.85	11.730	0.0066	-2.5 to 2.5	Pass
					4.43	-6.366	-0.0036	-2.5 to 2.5	Pass
				-30	3.85	-10.386	-0.0058	-2.5 to 2.5	Pass
				-20	3.85	-1.245	-0.0007	-2.5 to 2.5	Pass
				-10	3.85	6.108	0.0034	-2.5 to 2.5	Pass
				0	3.85	-1.016	-0.0006	-2.5 to 2.5	Pass
				10	3.85	-6.394	-0.0036	-2.5 to 2.5	Pass
				30	3.85	-1.988	-0.0011	-2.5 to 2.5	Pass
				40	3.85	5.078	0.0029	-2.5 to 2.5	Pass
				50	3.85	-21.343	-0.0120	-2.5 to 2.5	Pass

2.3 B66_5MHz

2.3.1 Test Result

Band: 66 / Bandwidth: 5MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1712.5	25	0	20	3.27	-11.773	-0.0069	-2.5 to 2.5	Pass
					3.85	-4.706	-0.0027	-2.5 to 2.5	Pass
					4.43	-10.128	-0.0059	-2.5 to 2.5	Pass
				-30	3.85	-5.064	-0.0030	-2.5 to 2.5	Pass
				-20	3.85	-0.944	-0.0006	-2.5 to 2.5	Pass
				-10	3.85	-10.815	-0.0063	-2.5 to 2.5	Pass
				0	3.85	-2.303	-0.0013	-2.5 to 2.5	Pass
				10	3.85	4.964	0.0029	-2.5 to 2.5	Pass

				30	3.85	-19.097	-0.0112	-2.5 to 2.5	Pass
				40	3.85	-10.872	-0.0063	-2.5 to 2.5	Pass
				50	3.85	1.945	0.0011	-2.5 to 2.5	Pass
	1745	25	0	20	3.27	-12.474	-0.0071	-2.5 to 2.5	Pass
					3.85	0.014	0.0000	-2.5 to 2.5	Pass
					4.43	-4.878	-0.0028	-2.5 to 2.5	Pass
				-30	3.85	-11.201	-0.0064	-2.5 to 2.5	Pass
				-20	3.85	-2.904	-0.0017	-2.5 to 2.5	Pass
				-10	3.85	2.589	0.0015	-2.5 to 2.5	Pass
				0	3.85	-11.759	-0.0067	-2.5 to 2.5	Pass
				10	3.85	5.479	0.0031	-2.5 to 2.5	Pass
				30	3.85	-13.576	-0.0078	-2.5 to 2.5	Pass
				40	3.85	-15.650	-0.0090	-2.5 to 2.5	Pass
				50	3.85	-6.137	-0.0035	-2.5 to 2.5	Pass
	1777.5	25	0	20	3.27	-1.802	-0.0010	-2.5 to 2.5	Pass
					3.85	-1.316	-0.0007	-2.5 to 2.5	Pass
					4.43	-3.991	-0.0022	-2.5 to 2.5	Pass
				-30	3.85	-5.608	-0.0032	-2.5 to 2.5	Pass
				-20	3.85	-5.922	-0.0033	-2.5 to 2.5	Pass
				-10	3.85	0.200	0.0001	-2.5 to 2.5	Pass
				0	3.85	-6.280	-0.0035	-2.5 to 2.5	Pass
				10	3.85	-5.307	-0.0030	-2.5 to 2.5	Pass
				30	3.85	-6.981	-0.0039	-2.5 to 2.5	Pass
				40	3.85	-5.107	-0.0029	-2.5 to 2.5	Pass
				50	3.85	-8.497	-0.0048	-2.5 to 2.5	Pass
16QAM	1712.5	25	0	20	3.27	-15.764	-0.0092	-2.5 to 2.5	Pass
					3.85	-2.046	-0.0012	-2.5 to 2.5	Pass
					4.43	-14.434	-0.0084	-2.5 to 2.5	Pass
				-30	3.85	-12.102	-0.0071	-2.5 to 2.5	Pass
				-20	3.85	-3.648	-0.0021	-2.5 to 2.5	Pass
				-10	3.85	1.388	0.0008	-2.5 to 2.5	Pass
				0	3.85	-21.672	-0.0127	-2.5 to 2.5	Pass
				10	3.85	-8.698	-0.0051	-2.5 to 2.5	Pass
				30	3.85	3.047	0.0018	-2.5 to 2.5	Pass
				40	3.85	-19.112	-0.0112	-2.5 to 2.5	Pass
				50	3.85	0.114	0.0001	-2.5 to 2.5	Pass
	1745	25	0	20	3.27	-3.219	-0.0018	-2.5 to 2.5	Pass
					3.85	1.903	0.0011	-2.5 to 2.5	Pass
					4.43	-4.992	-0.0029	-2.5 to 2.5	Pass
				-30	3.85	-1.831	-0.0010	-2.5 to 2.5	Pass
				-20	3.85	-3.533	-0.0020	-2.5 to 2.5	Pass
				-10	3.85	-2.589	-0.0015	-2.5 to 2.5	Pass
				0	3.85	-4.807	-0.0028	-2.5 to 2.5	Pass
				10	3.85	-3.276	-0.0019	-2.5 to 2.5	Pass
				30	3.85	-9.470	-0.0054	-2.5 to 2.5	Pass
				40	3.85	-4.592	-0.0026	-2.5 to 2.5	Pass
				50	3.85	0.157	0.0001	-2.5 to 2.5	Pass
	1777.5	25	0	20	3.27	-0.243	-0.0001	-2.5 to 2.5	Pass
					3.85	-0.758	-0.0004	-2.5 to 2.5	Pass
					4.43	-2.961	-0.0017	-2.5 to 2.5	Pass
				-30	3.85	-3.977	-0.0022	-2.5 to 2.5	Pass
				-20	3.85	-2.632	-0.0015	-2.5 to 2.5	Pass
				-10	3.85	-5.422	-0.0031	-2.5 to 2.5	Pass
				0	3.85	-4.234	-0.0024	-2.5 to 2.5	Pass
				10	3.85	-4.005	-0.0023	-2.5 to 2.5	Pass
				30	3.85	-0.873	-0.0005	-2.5 to 2.5	Pass
				40	3.85	-3.605	-0.0020	-2.5 to 2.5	Pass

				50	3.85	-3.247	-0.0018	-2.5 to 2.5	Pass

2.4 B66_10MHz

2.4.1 Test Result

Band: 66 / Bandwidth: 10MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1715	50	0	20	3.27	-6.008	-0.0035	-2.5 to 2.5	Pass
					3.85	-6.552	-0.0038	-2.5 to 2.5	Pass
					4.43	-4.320	-0.0025	-2.5 to 2.5	Pass
				-30	3.85	-8.254	-0.0048	-2.5 to 2.5	Pass
				-20	3.85	-7.310	-0.0043	-2.5 to 2.5	Pass
				-10	3.85	-4.506	-0.0026	-2.5 to 2.5	Pass
				0	3.85	-5.479	-0.0032	-2.5 to 2.5	Pass
				10	3.85	-9.484	-0.0055	-2.5 to 2.5	Pass
				30	3.85	-4.163	-0.0024	-2.5 to 2.5	Pass
				40	3.85	-5.350	-0.0031	-2.5 to 2.5	Pass
				50	3.85	-1.988	-0.0012	-2.5 to 2.5	Pass
	1745	50	0	20	3.27	-2.432	-0.0014	-2.5 to 2.5	Pass
					3.85	-4.535	-0.0026	-2.5 to 2.5	Pass
					4.43	-0.200	-0.0001	-2.5 to 2.5	Pass
				-30	3.85	-0.873	-0.0005	-2.5 to 2.5	Pass
				-20	3.85	-6.552	-0.0038	-2.5 to 2.5	Pass
				-10	3.85	-2.131	-0.0012	-2.5 to 2.5	Pass
				0	3.85	-4.964	-0.0028	-2.5 to 2.5	Pass
				10	3.85	-3.462	-0.0020	-2.5 to 2.5	Pass
				30	3.85	-3.734	-0.0021	-2.5 to 2.5	Pass
				40	3.85	-5.450	-0.0031	-2.5 to 2.5	Pass
				50	3.85	-5.779	-0.0033	-2.5 to 2.5	Pass
	1775	50	0	20	3.27	-2.518	-0.0014	-2.5 to 2.5	Pass
					3.85	-2.131	-0.0012	-2.5 to 2.5	Pass
					4.43	1.273	0.0007	-2.5 to 2.5	Pass
				-30	3.85	-6.981	-0.0039	-2.5 to 2.5	Pass
				-20	3.85	-4.835	-0.0027	-2.5 to 2.5	Pass
				-10	3.85	-0.072	0.0000	-2.5 to 2.5	Pass
				0	3.85	-6.280	-0.0035	-2.5 to 2.5	Pass
				10	3.85	-2.060	-0.0012	-2.5 to 2.5	Pass
				30	3.85	-5.336	-0.0030	-2.5 to 2.5	Pass
				40	3.85	-4.835	-0.0027	-2.5 to 2.5	Pass
				50	3.85	-2.789	-0.0016	-2.5 to 2.5	Pass
16QAM	1715	50	0	20	3.27	-7.424	-0.0043	-2.5 to 2.5	Pass
					3.85	-6.166	-0.0036	-2.5 to 2.5	Pass
					4.43	-5.479	-0.0032	-2.5 to 2.5	Pass
				-30	3.85	-5.822	-0.0034	-2.5 to 2.5	Pass
				-20	3.85	-10.629	-0.0062	-2.5 to 2.5	Pass
				-10	3.85	-6.595	-0.0038	-2.5 to 2.5	Pass
				0	3.85	-5.407	-0.0032	-2.5 to 2.5	Pass
				10	3.85	-3.977	-0.0023	-2.5 to 2.5	Pass
				30	3.85	-7.010	-0.0041	-2.5 to 2.5	Pass
				40	3.85	-7.753	-0.0045	-2.5 to 2.5	Pass
				50	3.85	-5.379	-0.0031	-2.5 to 2.5	Pass
	1745	50	0	20	3.27	-4.563	-0.0026	-2.5 to 2.5	Pass
					3.85	-10.371	-0.0059	-2.5 to 2.5	Pass

					4.43	-7.510	-0.0043	-2.5 to 2.5	Pass
				-30	3.85	-0.672	-0.0004	-2.5 to 2.5	Pass
				-20	3.85	-3.834	-0.0022	-2.5 to 2.5	Pass
				-10	3.85	-1.359	-0.0008	-2.5 to 2.5	Pass
				0	3.85	-7.281	-0.0042	-2.5 to 2.5	Pass
				10	3.85	-4.907	-0.0028	-2.5 to 2.5	Pass
				30	3.85	-5.350	-0.0031	-2.5 to 2.5	Pass
				40	3.85	-8.569	-0.0049	-2.5 to 2.5	Pass
				50	3.85	-3.133	-0.0018	-2.5 to 2.5	Pass
	1775	50	0	20	3.27	-5.507	-0.0031	-2.5 to 2.5	Pass
					3.85	-2.975	-0.0017	-2.5 to 2.5	Pass
					4.43	-7.281	-0.0041	-2.5 to 2.5	Pass
				-30	3.85	-5.250	-0.0030	-2.5 to 2.5	Pass
				-20	3.85	-0.501	-0.0003	-2.5 to 2.5	Pass
				-10	3.85	-7.682	-0.0043	-2.5 to 2.5	Pass
				0	3.85	-4.306	-0.0024	-2.5 to 2.5	Pass
				10	3.85	-2.103	-0.0012	-2.5 to 2.5	Pass
				30	3.85	-2.689	-0.0015	-2.5 to 2.5	Pass
				40	3.85	-2.875	-0.0016	-2.5 to 2.5	Pass
				50	3.85	-1.459	-0.0008	-2.5 to 2.5	Pass

2.5 B66_15MHz

2.5.1 Test Result

Band: 66 / Bandwidth: 15MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1717.5	75	0	20	3.27	-5.207	-0.0030	-2.5 to 2.5	Pass
					3.85	-4.792	-0.0028	-2.5 to 2.5	Pass
					4.43	-5.922	-0.0034	-2.5 to 2.5	Pass
				-30	3.85	-8.712	-0.0051	-2.5 to 2.5	Pass
				-20	3.85	-3.018	-0.0018	-2.5 to 2.5	Pass
				-10	3.85	-2.933	-0.0017	-2.5 to 2.5	Pass
				0	3.85	-5.507	-0.0032	-2.5 to 2.5	Pass
				10	3.85	-4.492	-0.0026	-2.5 to 2.5	Pass
				30	3.85	-6.251	-0.0036	-2.5 to 2.5	Pass
				40	3.85	-6.323	-0.0037	-2.5 to 2.5	Pass
				50	3.85	-4.606	-0.0027	-2.5 to 2.5	Pass
	1745	75	0	20	3.27	-4.435	-0.0025	-2.5 to 2.5	Pass
					3.85	-7.482	-0.0043	-2.5 to 2.5	Pass
					4.43	-1.931	-0.0011	-2.5 to 2.5	Pass
				-30	3.85	-1.388	-0.0008	-2.5 to 2.5	Pass
				-20	3.85	-6.151	-0.0035	-2.5 to 2.5	Pass
				-10	3.85	-2.031	-0.0012	-2.5 to 2.5	Pass
				0	3.85	-6.080	-0.0035	-2.5 to 2.5	Pass
				10	3.85	-3.219	-0.0018	-2.5 to 2.5	Pass
				30	3.85	-3.362	-0.0019	-2.5 to 2.5	Pass
				40	3.85	-4.048	-0.0023	-2.5 to 2.5	Pass
				50	3.85	-4.892	-0.0028	-2.5 to 2.5	Pass
	1772.5	75	0	20	3.27	1.645	0.0009	-2.5 to 2.5	Pass
					3.85	-2.017	-0.0011	-2.5 to 2.5	Pass
					4.43	-3.877	-0.0022	-2.5 to 2.5	Pass
				-30	3.85	-3.777	-0.0021	-2.5 to 2.5	Pass
				-20	3.85	-3.548	-0.0020	-2.5 to 2.5	Pass

				-10	3.85	-2.747	-0.0015	-2.5 to 2.5	Pass
				0	3.85	-4.134	-0.0023	-2.5 to 2.5	Pass
				10	3.85	-5.221	-0.0029	-2.5 to 2.5	Pass
				30	3.85	-3.104	-0.0018	-2.5 to 2.5	Pass
				40	3.85	-1.531	-0.0009	-2.5 to 2.5	Pass
				50	3.85	-0.315	-0.0002	-2.5 to 2.5	Pass
16QAM	1717.5	75	0	20	3.27	-7.896	-0.0046	-2.5 to 2.5	Pass
					3.85	-5.765	-0.0034	-2.5 to 2.5	Pass
					4.43	-8.054	-0.0047	-2.5 to 2.5	Pass
				-30	3.85	-8.140	-0.0047	-2.5 to 2.5	Pass
				-20	3.85	-5.922	-0.0034	-2.5 to 2.5	Pass
				-10	3.85	-8.597	-0.0050	-2.5 to 2.5	Pass
				0	3.85	-6.652	-0.0039	-2.5 to 2.5	Pass
				10	3.85	-4.506	-0.0026	-2.5 to 2.5	Pass
				30	3.85	-5.851	-0.0034	-2.5 to 2.5	Pass
				40	3.85	-6.022	-0.0035	-2.5 to 2.5	Pass
				50	3.85	-6.652	-0.0039	-2.5 to 2.5	Pass
	1745	75	0	20	3.27	-3.748	-0.0021	-2.5 to 2.5	Pass
					3.85	-2.775	-0.0016	-2.5 to 2.5	Pass
					4.43	-4.091	-0.0023	-2.5 to 2.5	Pass
				-30	3.85	-8.826	-0.0051	-2.5 to 2.5	Pass
				-20	3.85	-3.247	-0.0019	-2.5 to 2.5	Pass
				-10	3.85	-5.164	-0.0030	-2.5 to 2.5	Pass
				0	3.85	-4.191	-0.0024	-2.5 to 2.5	Pass
				10	3.85	-1.845	-0.0011	-2.5 to 2.5	Pass
				30	3.85	-2.060	-0.0012	-2.5 to 2.5	Pass
				40	3.85	-3.161	-0.0018	-2.5 to 2.5	Pass
				50	3.85	-5.722	-0.0033	-2.5 to 2.5	Pass
	1772.5	75	0	20	3.27	-5.050	-0.0028	-2.5 to 2.5	Pass
					3.85	-2.561	-0.0014	-2.5 to 2.5	Pass
					4.43	-5.221	-0.0029	-2.5 to 2.5	Pass
				-30	3.85	-4.864	-0.0027	-2.5 to 2.5	Pass
				-20	3.85	-2.747	-0.0015	-2.5 to 2.5	Pass
				-10	3.85	-6.151	-0.0035	-2.5 to 2.5	Pass
				0	3.85	-3.304	-0.0019	-2.5 to 2.5	Pass
				10	3.85	-7.110	-0.0040	-2.5 to 2.5	Pass
				30	3.85	-5.393	-0.0030	-2.5 to 2.5	Pass
				40	3.85	-2.990	-0.0017	-2.5 to 2.5	Pass
				50	3.85	-7.796	-0.0044	-2.5 to 2.5	Pass

2.6 B66_20MHz

2.6.1 Test Result

Band: 66 / Bandwidth: 20MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1720	100	0	20	3.27	-7.553	-0.0044	-2.5 to 2.5	Pass
					3.85	-6.166	-0.0036	-2.5 to 2.5	Pass
					4.43	-7.753	-0.0045	-2.5 to 2.5	Pass
				-30	3.85	-6.495	-0.0038	-2.5 to 2.5	Pass
				-20	3.85	-2.661	-0.0015	-2.5 to 2.5	Pass
				-10	3.85	-3.419	-0.0020	-2.5 to 2.5	Pass
				0	3.85	-6.223	-0.0036	-2.5 to 2.5	Pass
				10	3.85	-8.841	-0.0051	-2.5 to 2.5	Pass

				30	3.85	-8.769	-0.0051	-2.5 to 2.5	Pass
				40	3.85	-3.519	-0.0020	-2.5 to 2.5	Pass
				50	3.85	-1.473	-0.0009	-2.5 to 2.5	Pass
	1745	100	0	20	3.27	-3.963	-0.0023	-2.5 to 2.5	Pass
					3.85	-1.659	-0.0010	-2.5 to 2.5	Pass
					4.43	1.287	0.0007	-2.5 to 2.5	Pass
				-30	3.85	-4.749	-0.0027	-2.5 to 2.5	Pass
				-20	3.85	-2.131	-0.0012	-2.5 to 2.5	Pass
				-10	3.85	-1.187	-0.0007	-2.5 to 2.5	Pass
				0	3.85	-3.548	-0.0020	-2.5 to 2.5	Pass
				10	3.85	-1.702	-0.0010	-2.5 to 2.5	Pass
				30	3.85	-6.566	-0.0038	-2.5 to 2.5	Pass
				40	3.85	-5.050	-0.0029	-2.5 to 2.5	Pass
				50	3.85	-3.004	-0.0017	-2.5 to 2.5	Pass
	1770	100	0	20	3.27	-4.950	-0.0028	-2.5 to 2.5	Pass
					3.85	-4.849	-0.0027	-2.5 to 2.5	Pass
					4.43	-2.632	-0.0015	-2.5 to 2.5	Pass
				-30	3.85	-4.563	-0.0026	-2.5 to 2.5	Pass
				-20	3.85	-1.960	-0.0011	-2.5 to 2.5	Pass
				-10	3.85	-5.064	-0.0029	-2.5 to 2.5	Pass
				0	3.85	-1.316	-0.0007	-2.5 to 2.5	Pass
				10	3.85	-6.967	-0.0039	-2.5 to 2.5	Pass
				30	3.85	-4.020	-0.0023	-2.5 to 2.5	Pass
				40	3.85	-1.574	-0.0009	-2.5 to 2.5	Pass
				50	3.85	-7.339	-0.0041	-2.5 to 2.5	Pass
16QAM	1720	100	0	20	3.27	-5.736	-0.0033	-2.5 to 2.5	Pass
					3.85	-5.507	-0.0032	-2.5 to 2.5	Pass
					4.43	-8.154	-0.0047	-2.5 to 2.5	Pass
				-30	3.85	-5.736	-0.0033	-2.5 to 2.5	Pass
				-20	3.85	-5.150	-0.0030	-2.5 to 2.5	Pass
				-10	3.85	-6.638	-0.0039	-2.5 to 2.5	Pass
				0	3.85	-8.426	-0.0049	-2.5 to 2.5	Pass
				10	3.85	-5.465	-0.0032	-2.5 to 2.5	Pass
				30	3.85	-3.433	-0.0020	-2.5 to 2.5	Pass
				40	3.85	-2.947	-0.0017	-2.5 to 2.5	Pass
				50	3.85	-6.752	-0.0039	-2.5 to 2.5	Pass
	1745	100	0	20	3.27	-3.533	-0.0020	-2.5 to 2.5	Pass
					3.85	-7.854	-0.0045	-2.5 to 2.5	Pass
					4.43	-5.322	-0.0030	-2.5 to 2.5	Pass
				-30	3.85	-3.691	-0.0021	-2.5 to 2.5	Pass
				-20	3.85	-3.719	-0.0021	-2.5 to 2.5	Pass
				-10	3.85	-4.692	-0.0027	-2.5 to 2.5	Pass
				0	3.85	-5.422	-0.0031	-2.5 to 2.5	Pass
				10	3.85	-11.258	-0.0065	-2.5 to 2.5	Pass
				30	3.85	-7.496	-0.0043	-2.5 to 2.5	Pass
				40	3.85	-1.960	-0.0011	-2.5 to 2.5	Pass
				50	3.85	-6.638	-0.0038	-2.5 to 2.5	Pass
	1770	100	0	20	3.27	-4.277	-0.0024	-2.5 to 2.5	Pass
					3.85	-2.303	-0.0013	-2.5 to 2.5	Pass
					4.43	-0.186	-0.0001	-2.5 to 2.5	Pass
				-30	3.85	-1.802	-0.0010	-2.5 to 2.5	Pass
				-20	3.85	-2.046	-0.0012	-2.5 to 2.5	Pass
				-10	3.85	-0.644	-0.0004	-2.5 to 2.5	Pass
				0	3.85	-7.467	-0.0042	-2.5 to 2.5	Pass
				10	3.85	-5.121	-0.0029	-2.5 to 2.5	Pass
				30	3.85	-3.448	-0.0019	-2.5 to 2.5	Pass
				40	3.85	-6.380	-0.0036	-2.5 to 2.5	Pass

				50	3.85	-2.789	-0.0016	-2.5 to 2.5	Pass

3. Modulation Characteristics

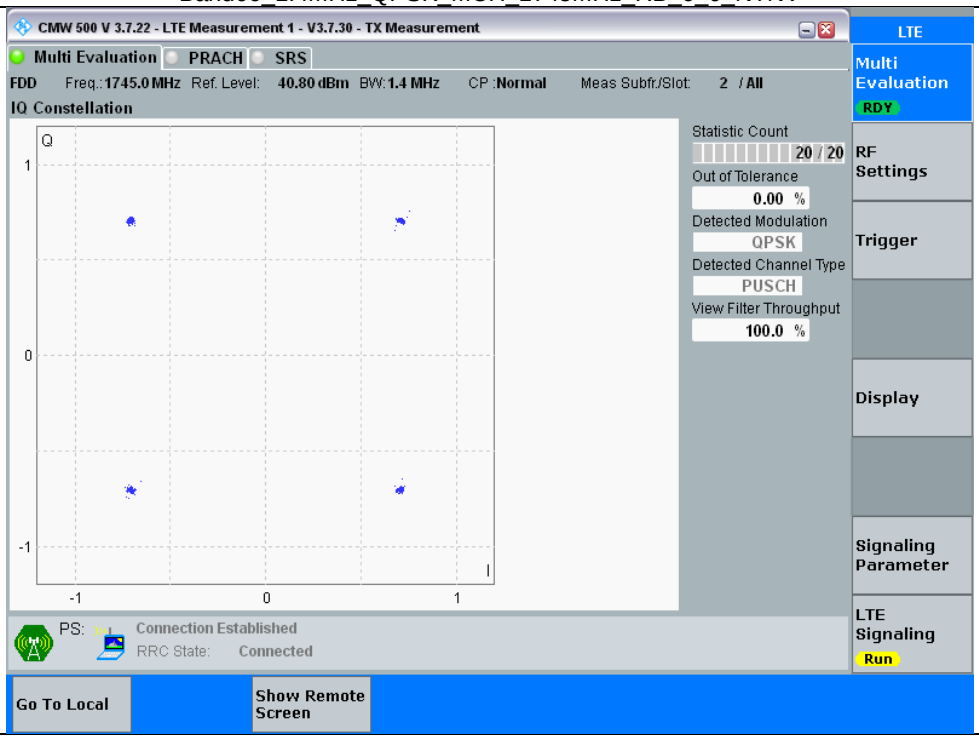
3.1 B66_1.4MHz

3.1.1 Test Result

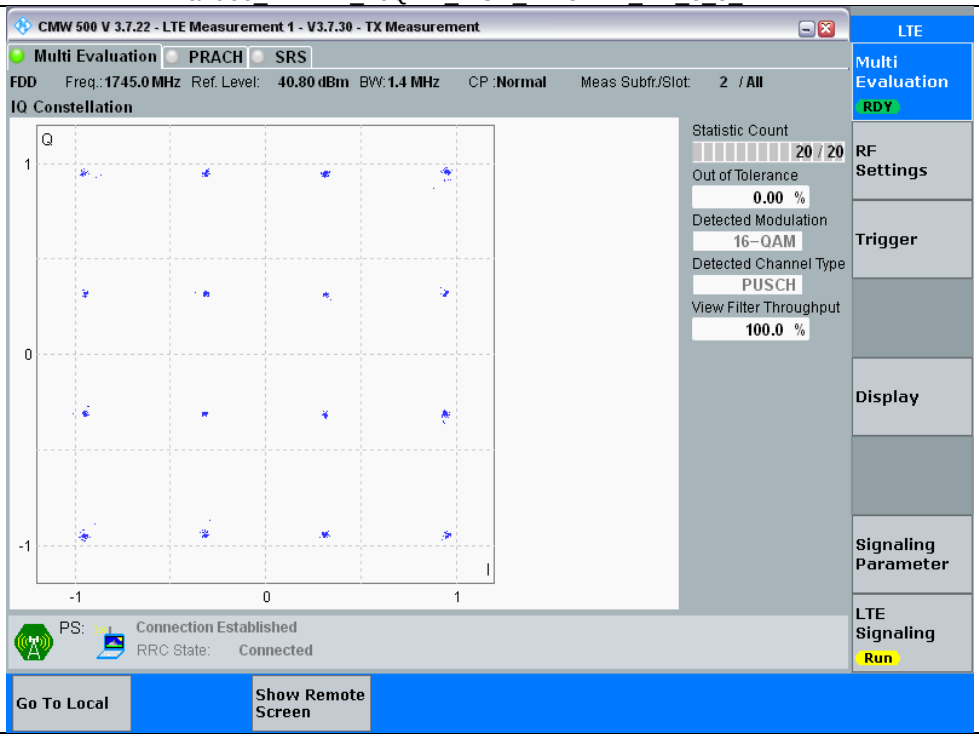
Band: 66 / Bandwidth: 1.4MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1745	6	0	Refer To Test Graph		Pass
16QAM	1745	6	0	Refer To Test Graph		Pass

3.1.2 Test Graph

Band66_1.4MHz_QPSK_MCH_1745MHz_RB_6_0_NTNV



Band66_1.4MHz_16QAM_MCH_1745MHz_RB_6_0_NTNV



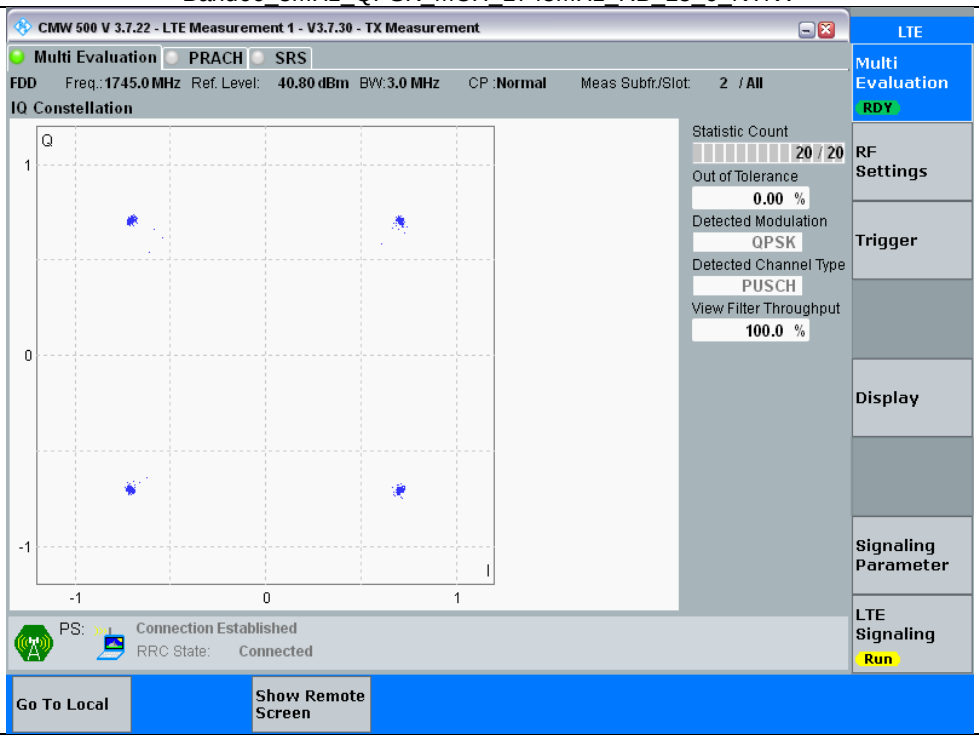
3.2 B66_3MHz

3.2.1 Test Result

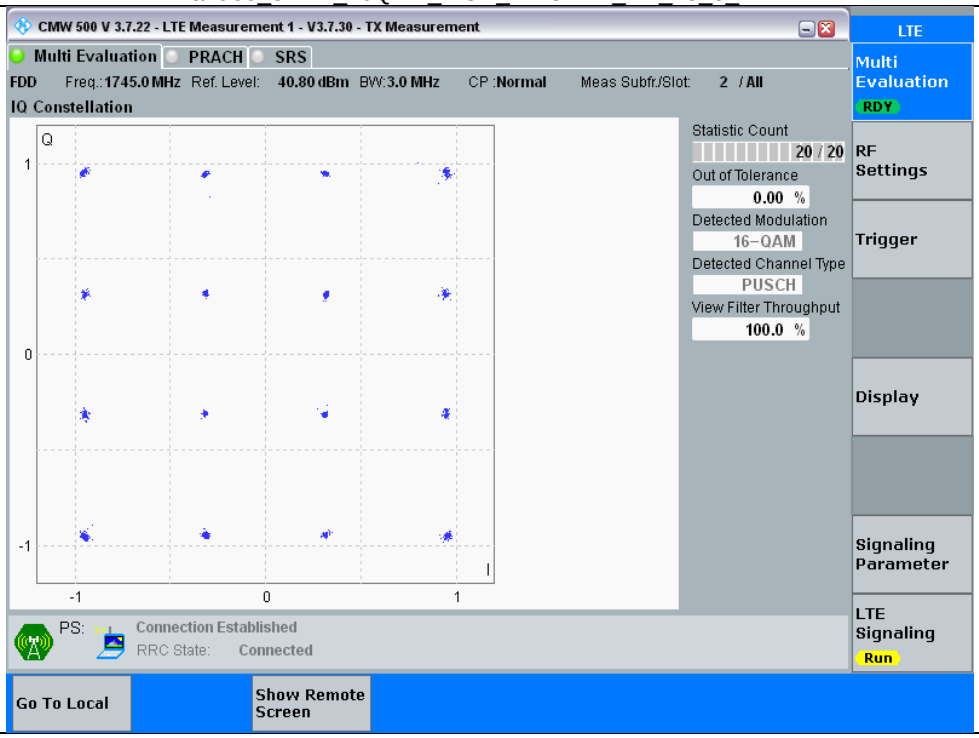
Band: 66 / Bandwidth: 3MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1745	15	0	Refer To Test Graph		Pass
16QAM	1745	15	0	Refer To Test Graph		Pass

3.2.2 Test Graph

Band66_3MHz_QPSK_MCH_1745MHz_RB_15_0_NTNV



Band66_3MHz_16QAM_MCH_1745MHz_RB_15_0_NTNV



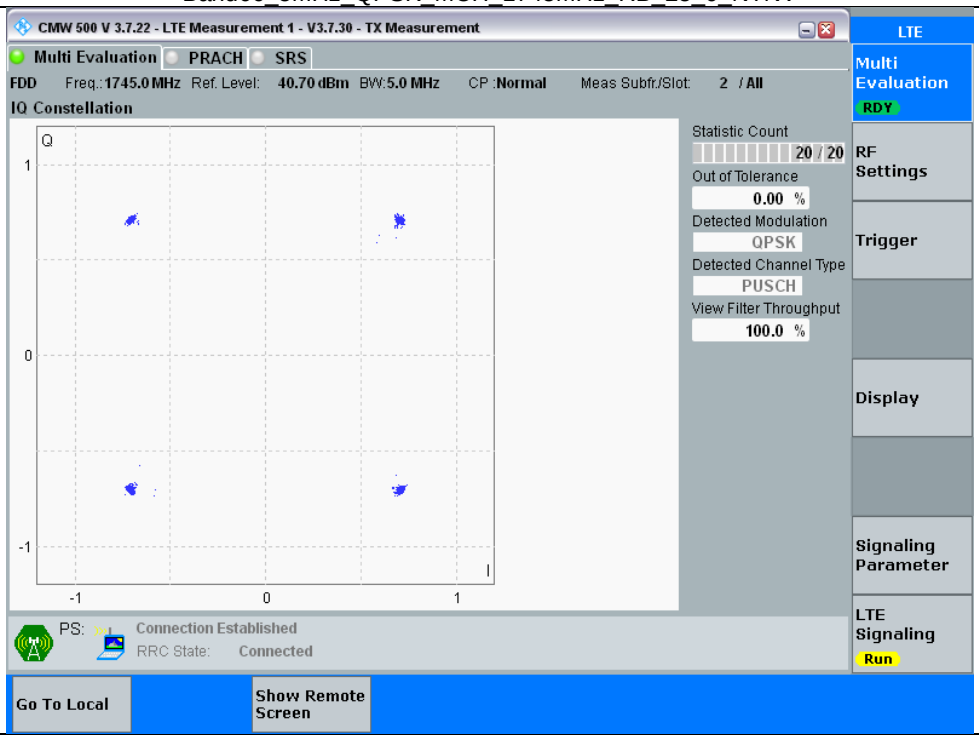
3.3 B66_5MHz

3.3.1 Test Result

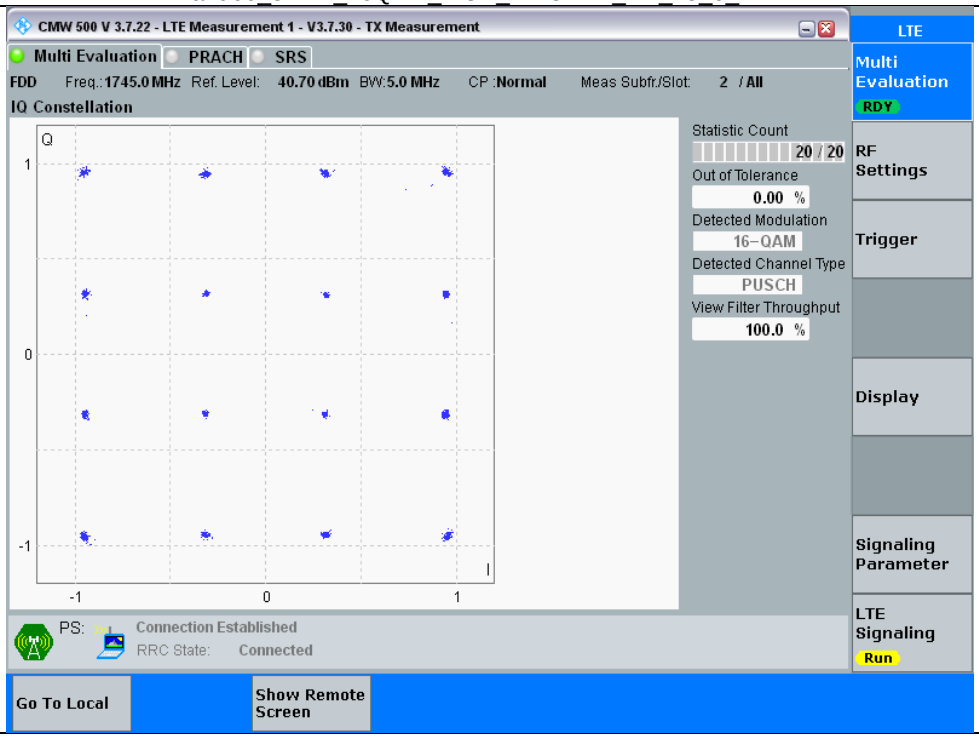
Band: 66 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1745	25	0	Refer To Test Graph		Pass
16QAM	1745	25	0	Refer To Test Graph		Pass

3.3.2 Test Graph

Band66_5MHz_QPSK_MCH_1745MHz_RB_25_0_NTNV



Band66_5MHz_16QAM_MCH_1745MHz_RB_25_0_NTNV



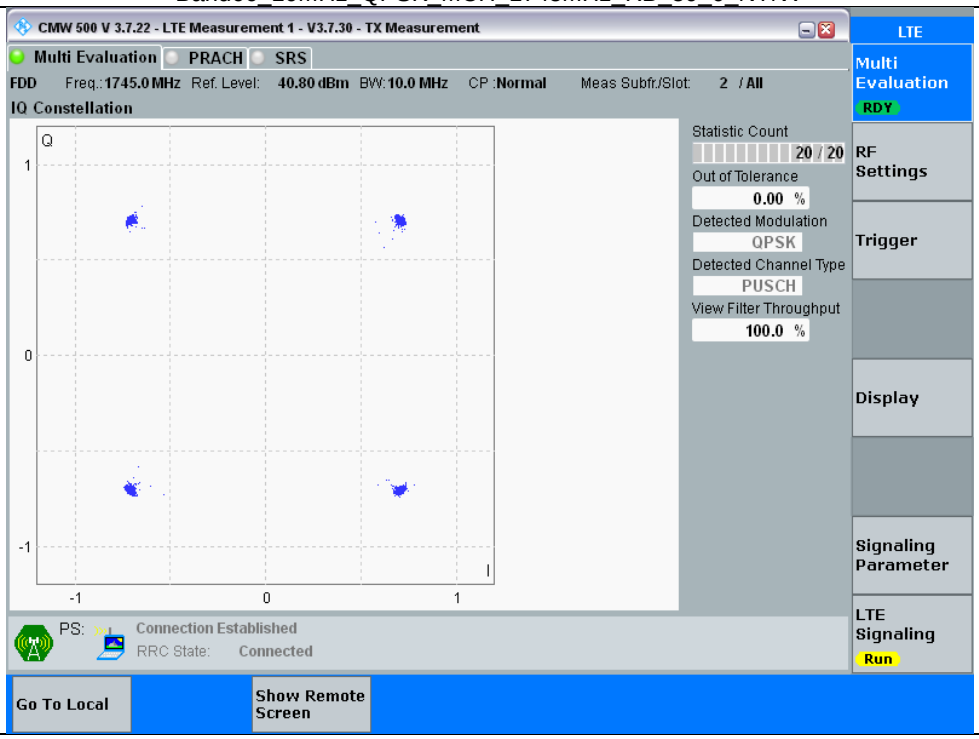
3.4 B66_10MHz

3.4.1 Test Result

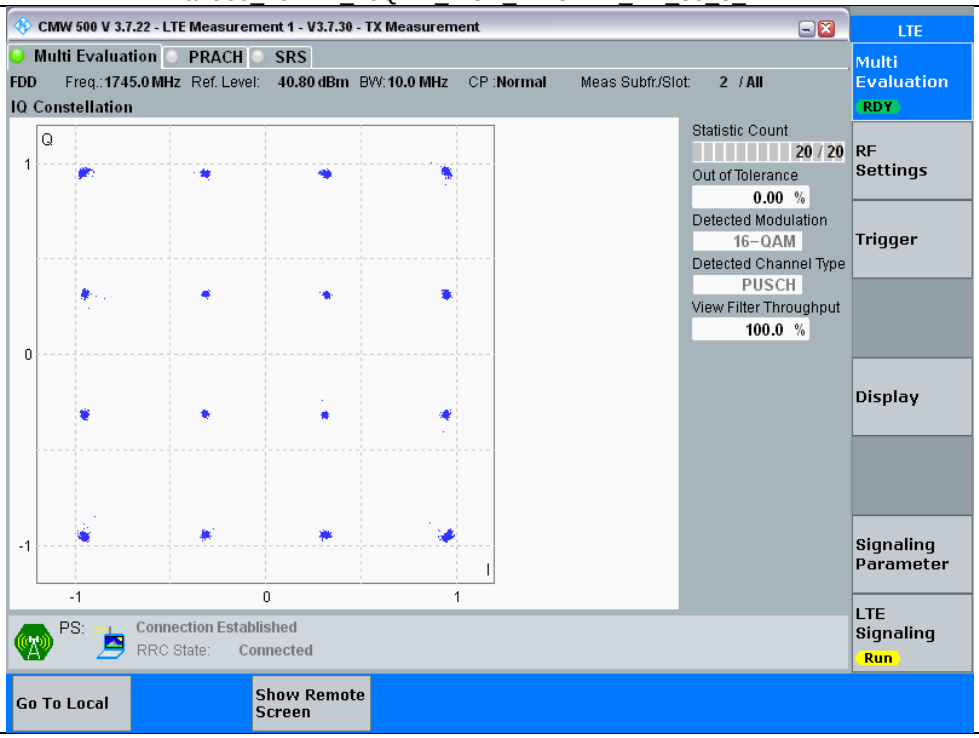
Band: 66 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1745	50	0	Refer To Test Graph		Pass
16QAM	1745	50	0	Refer To Test Graph		Pass

3.4.2 Test Graph

Band66_10MHz_QPSK_MCH_1745MHz_RB_50_0_NTNV



Band66_10MHz_16QAM_MCH_1745MHz_RB_50_0_NTNV



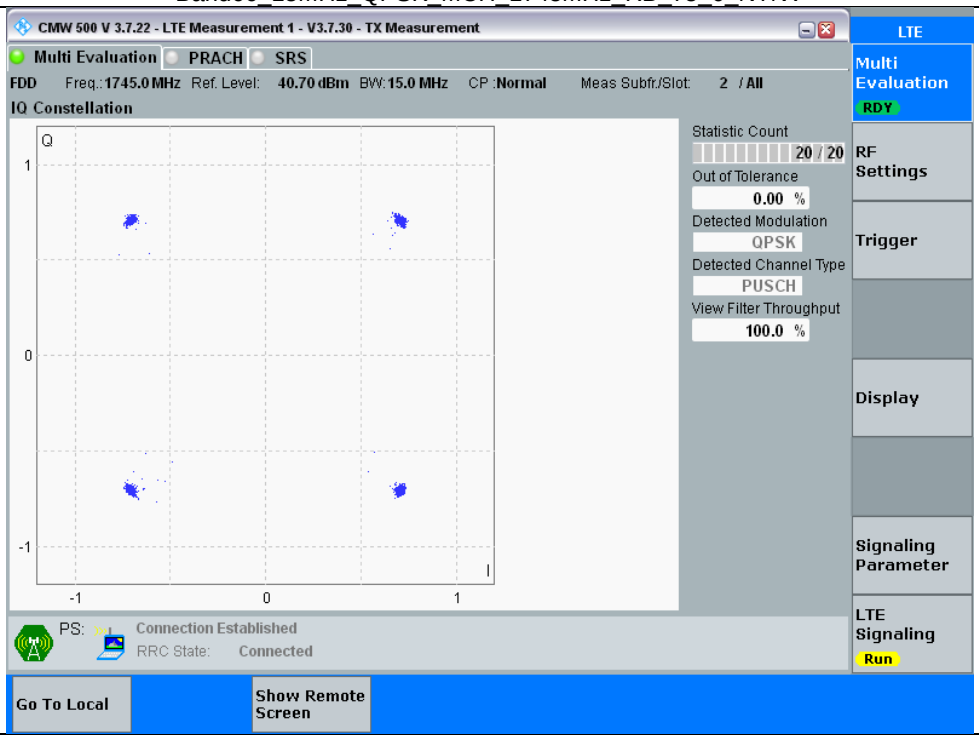
3.5 B66_15MHz

3.5.1 Test Result

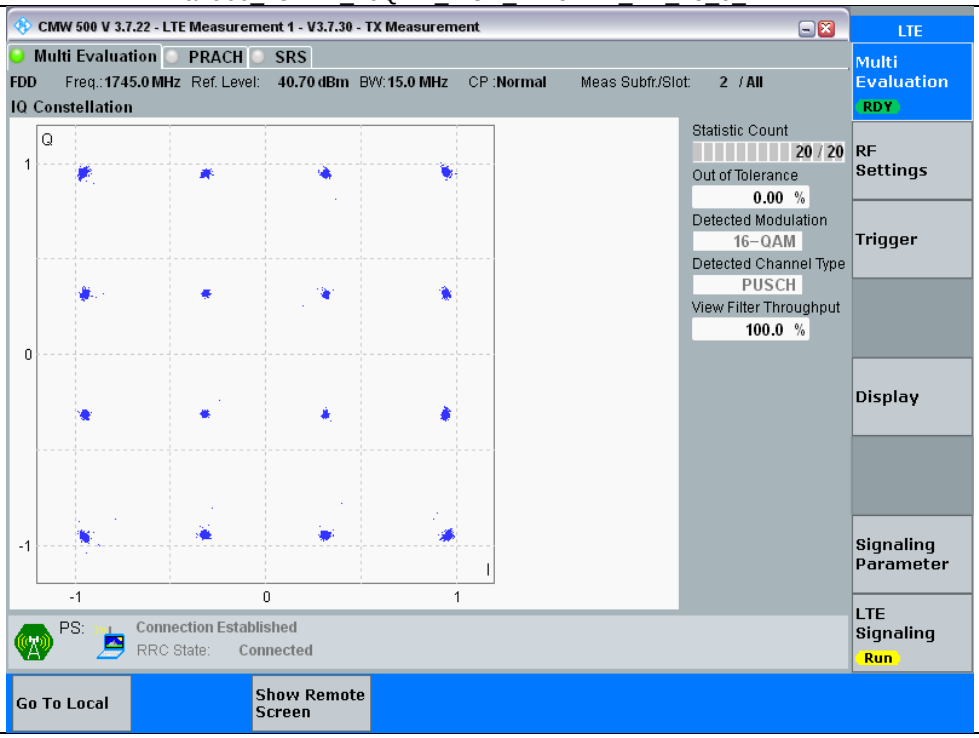
Band: 66 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1745	75	0	Refer To Test Graph		Pass
16QAM	1745	75	0	Refer To Test Graph		Pass

3.5.2 Test Graph

Band66_15MHz_QPSK_MCH_1745MHz_RB_75_0_NTNV



Band66_15MHz_16QAM_MCH_1745MHz_RB_75_0_NTNV



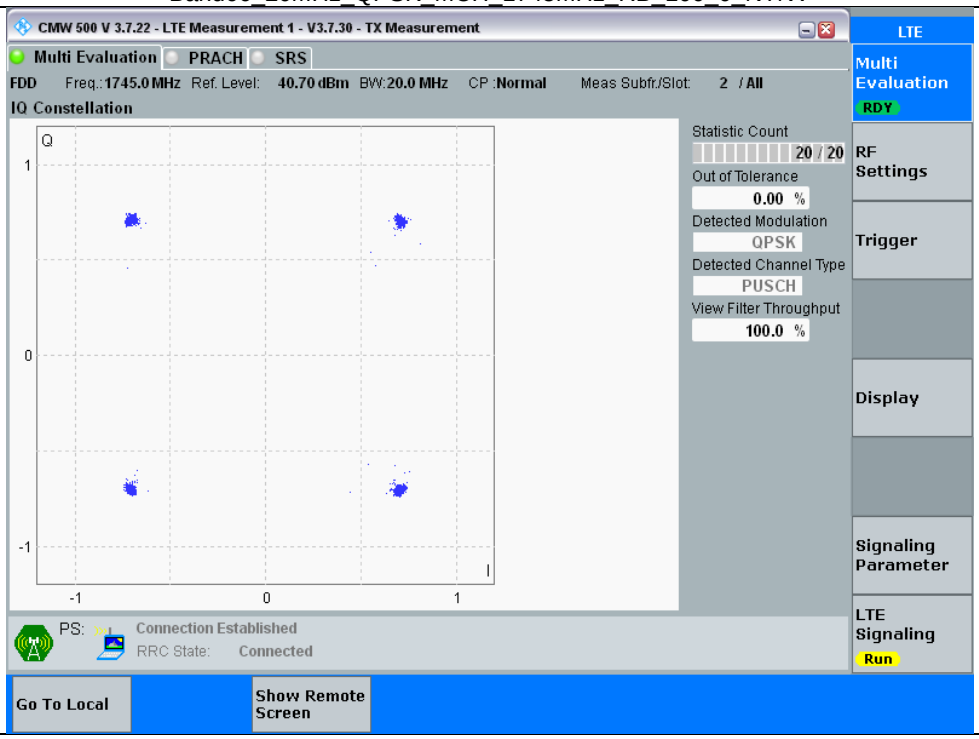
3.6 B66_20MHz

3.6.1 Test Result

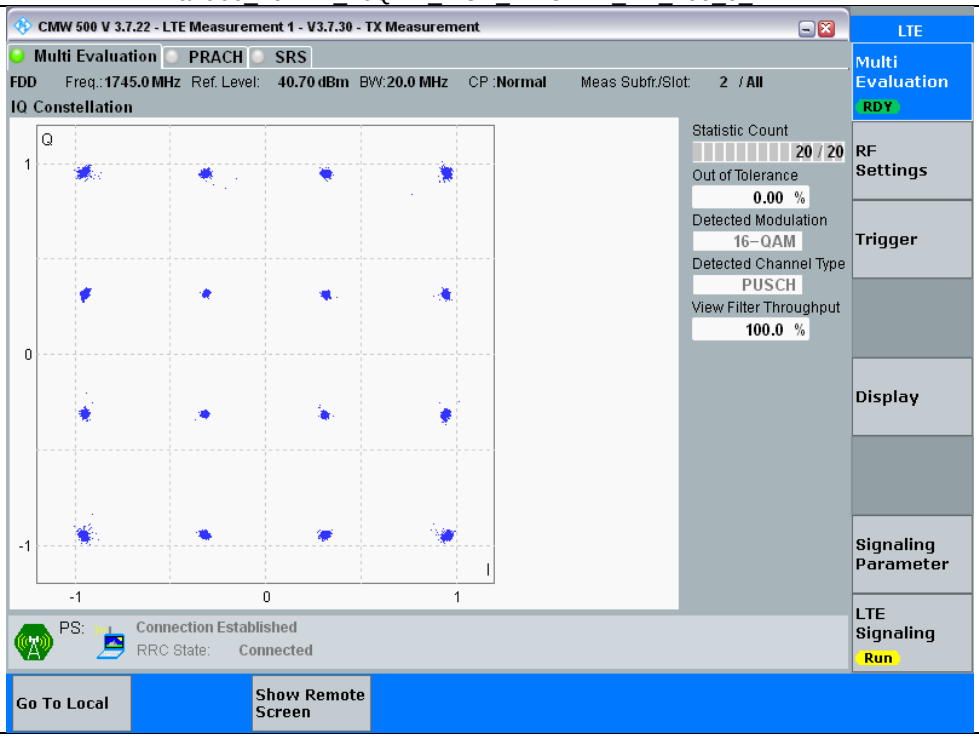
Band: 66 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1745	100	0	Refer To Test Graph		Pass
16QAM	1745	100	0	Refer To Test Graph		Pass

3.6.2 Test Graph

Band66_20MHz_QPSK_MCH_1745MHz_RB_100_0_NTNV



Band66_20MHz_16QAM_MCH_1745MHz_RB_100_0_NTNV



4. 99% & 26dB Bandwidth

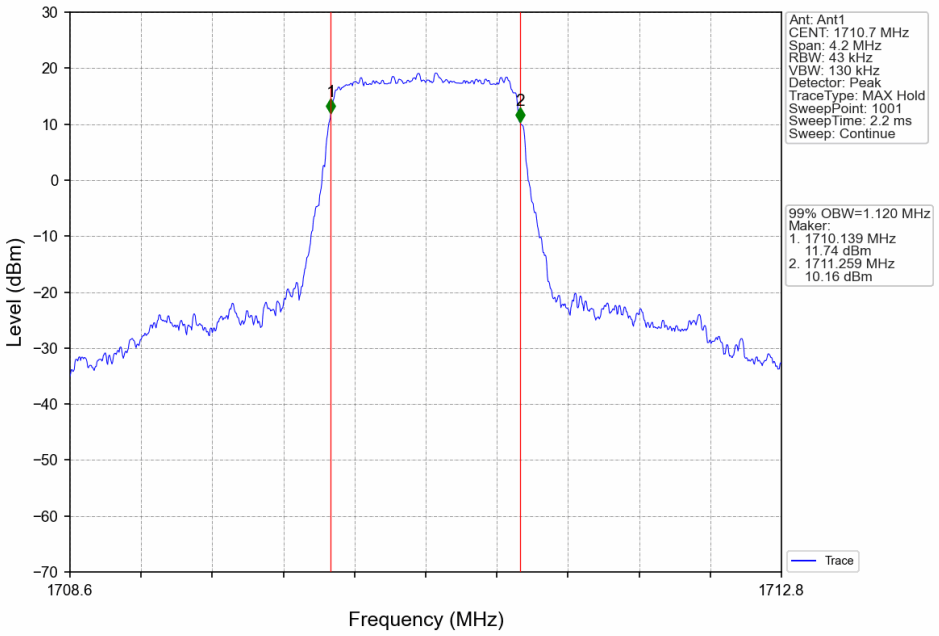
4.1 Band66_OBW

4.1.1 Test Result

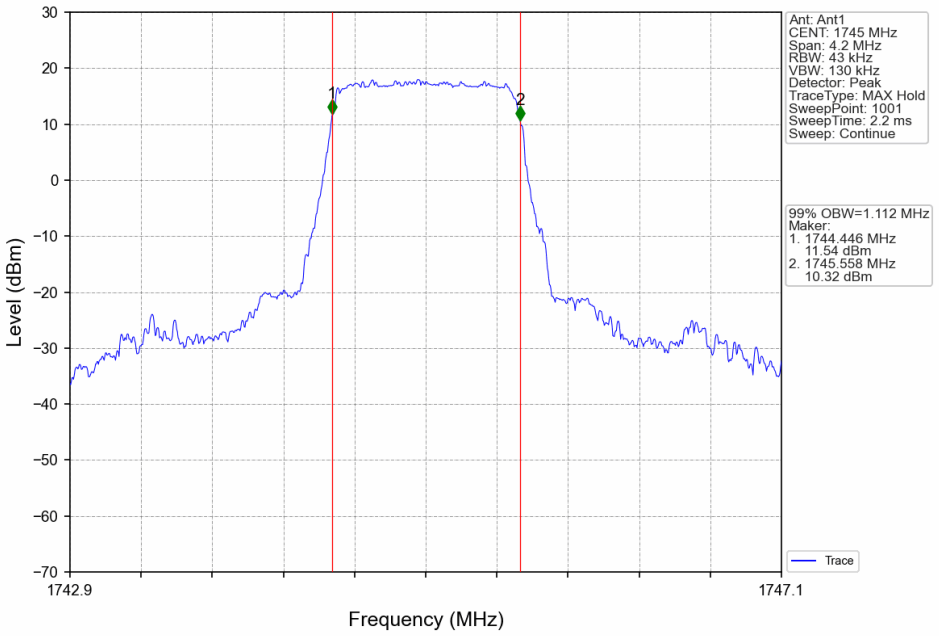
Band: 66 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)	Verdict
			Size	Offset	Result	
1.4	QPSK	1710.7	6	0	1.120	Pass
		1745	6	0	1.112	Pass
		1779.3	6	0	1.109	Pass
	16QAM	1710.7	6	0	1.109	Pass
		1745	6	0	1.102	Pass
		1779.3	6	0	1.113	Pass
3	QPSK	1711.5	15	0	2.723	Pass
		1745	15	0	2.725	Pass
		1778.5	15	0	2.727	Pass
	16QAM	1711.5	15	0	2.724	Pass
		1745	15	0	2.715	Pass
		1778.5	15	0	2.727	Pass
5	QPSK	1712.5	25	0	4.565	Pass
		1745	25	0	4.573	Pass
		1777.5	25	0	4.567	Pass
	16QAM	1712.5	25	0	4.598	Pass
		1745	25	0	4.580	Pass
		1777.5	25	0	4.582	Pass
10	QPSK	1715	50	0	9.078	Pass
		1745	50	0	9.075	Pass
		1775	50	0	9.095	Pass
	16QAM	1715	50	0	9.086	Pass
		1745	50	0	9.081	Pass
		1775	50	0	9.077	Pass
15	QPSK	1717.5	75	0	13.600	Pass
		1745	75	0	13.622	Pass
		1772.5	75	0	13.617	Pass
	16QAM	1717.5	75	0	13.609	Pass
		1745	75	0	13.626	Pass
		1772.5	75	0	13.630	Pass
20	QPSK	1720	100	0	18.132	Pass
		1745	100	0	18.174	Pass
		1770	100	0	18.135	Pass
	16QAM	1720	100	0	18.127	Pass
		1745	100	0	18.183	Pass
		1770	100	0	18.143	Pass

4.1.2 Test Graph

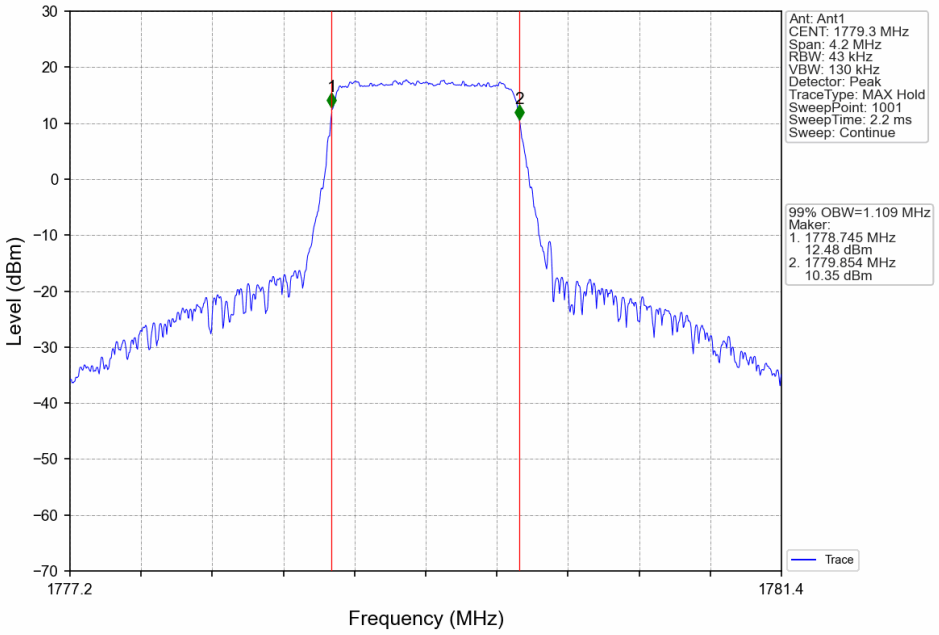
Band66_1.4MHz_QPSK_LCH_1710.7MHz_RB_6_0_NTNV



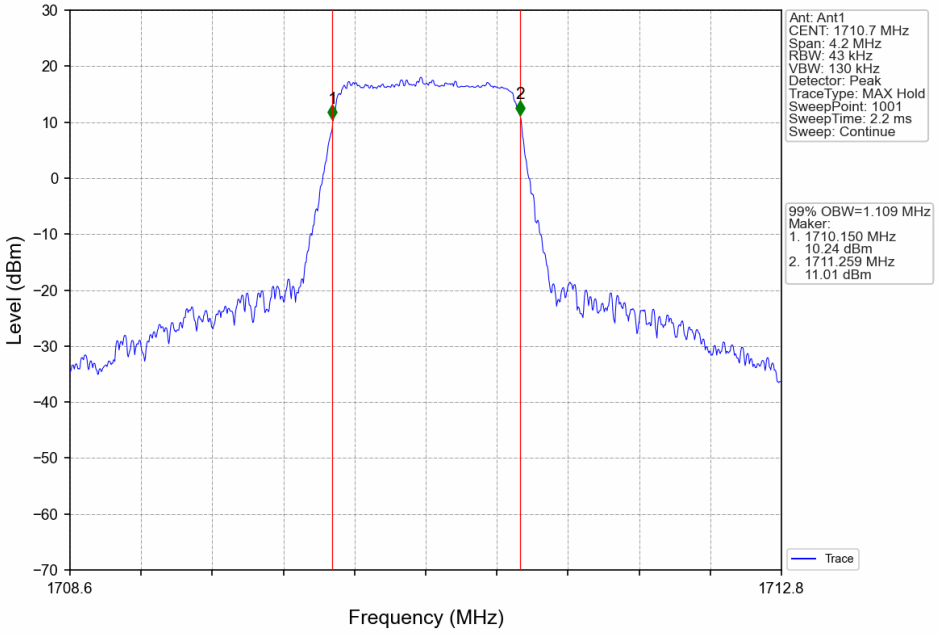
Band66_1.4MHz_QPSK_MCH_1745MHz_RB_6_0_NTNV



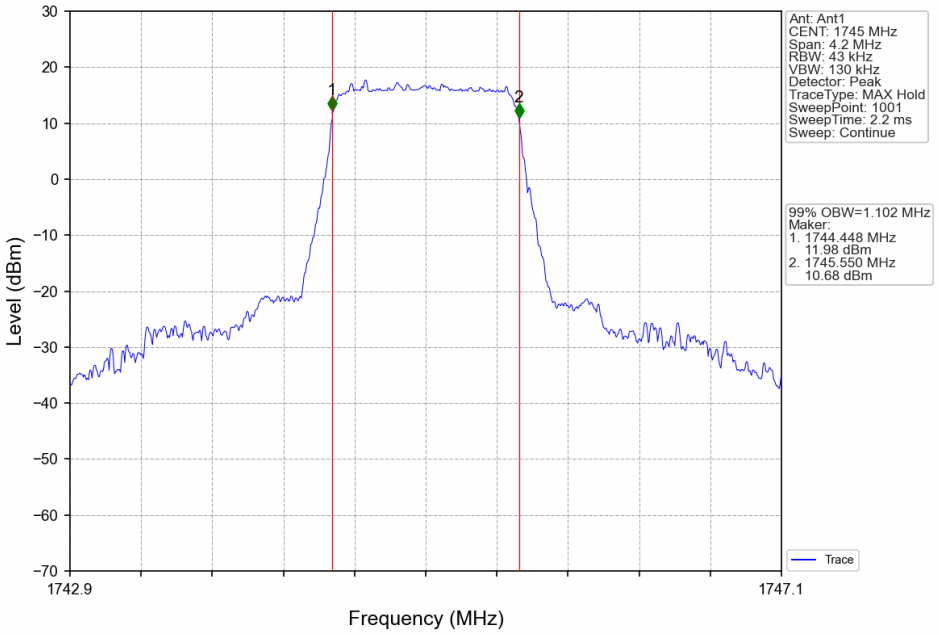
Band66_1.4MHz_QPSK_HCH_1779.3MHz_RB_6_0_NTNV



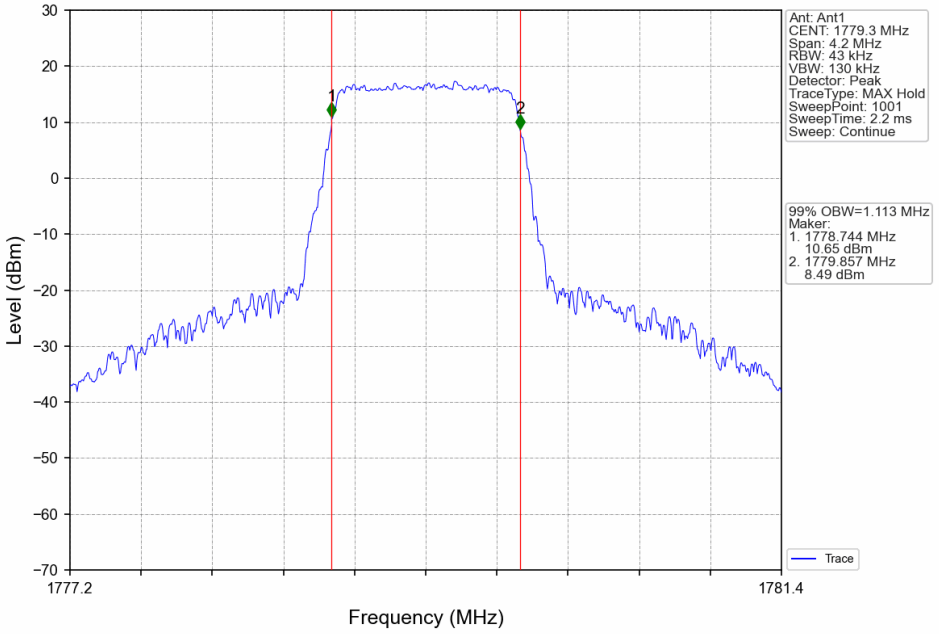
Band66_1.4MHz_16QAM_LCH_1710.7MHz_RB_6_0_NTNV



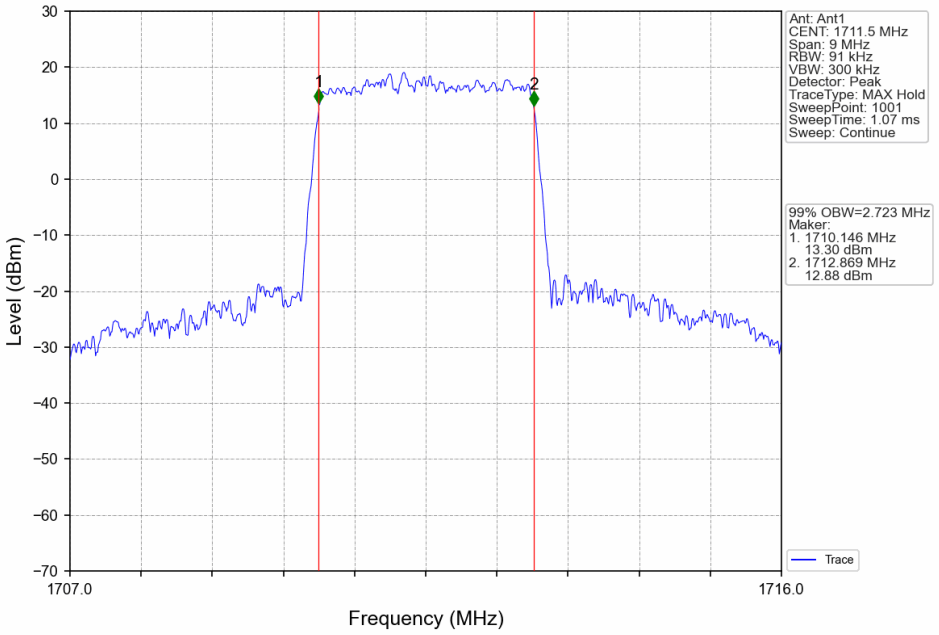
Band66_1.4MHz_16QAM_MCH_1745MHz_RB_6_0_NTNV



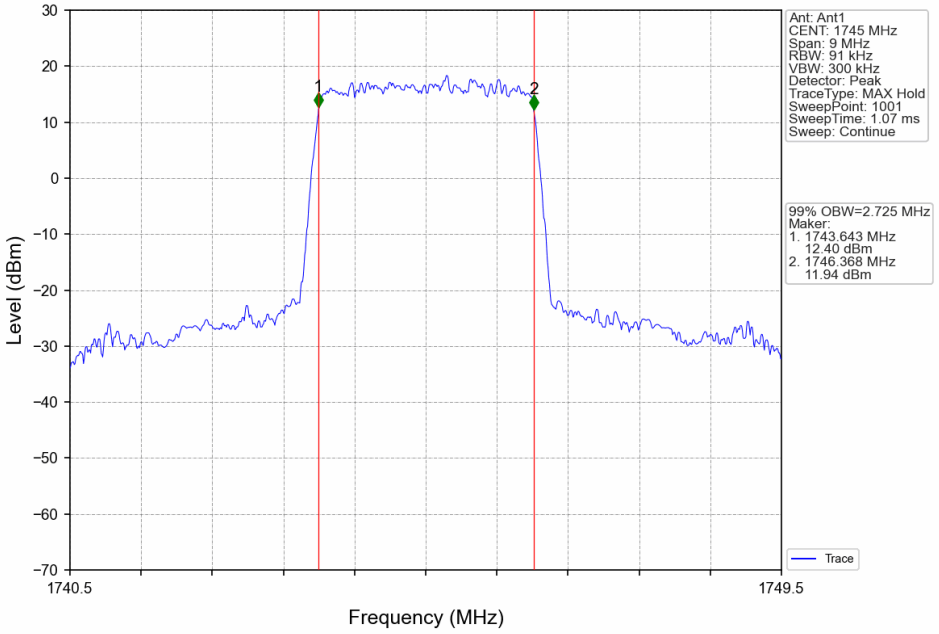
Band66_1.4MHz_16QAM_HCH_1779.3MHz_RB_6_0_NTNV



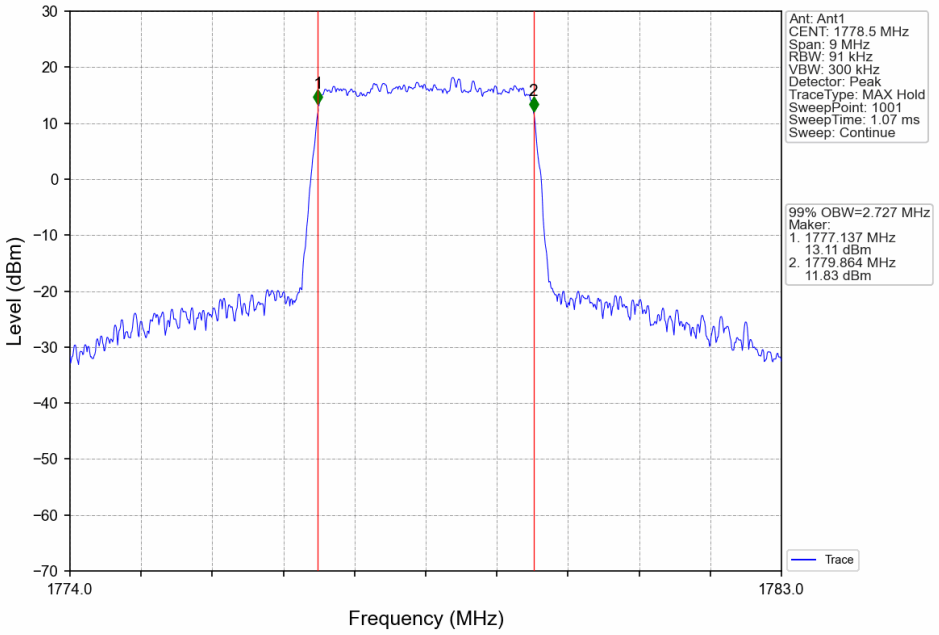
Band66_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV



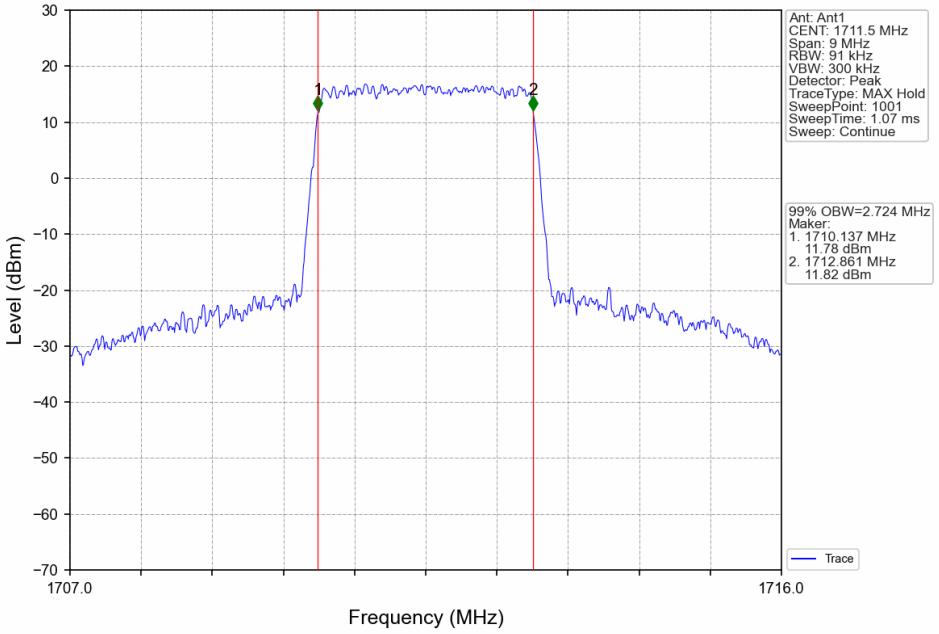
Band66_3MHz_QPSK_MCH_1745MHz_RB_15_0_NTNV



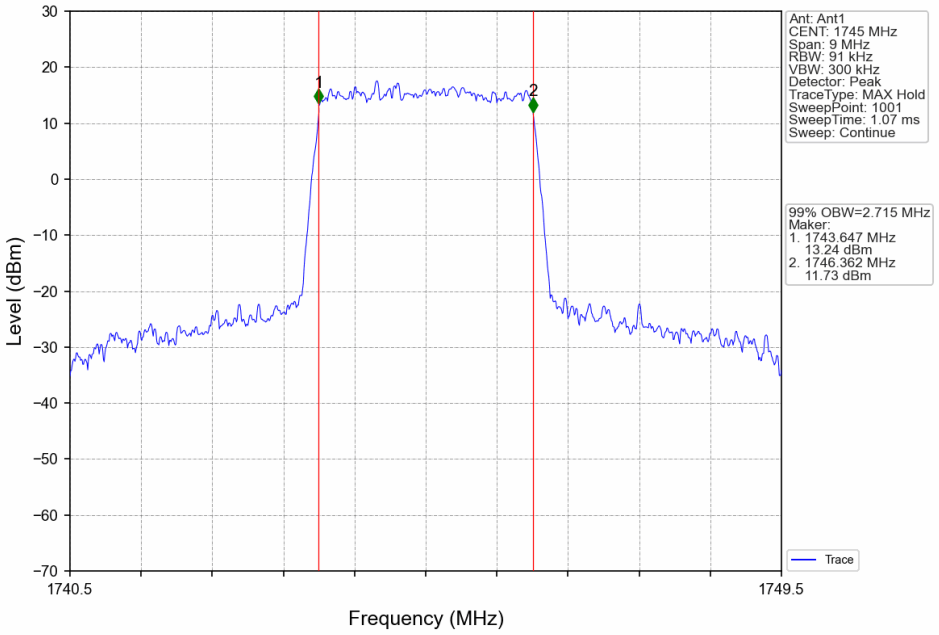
Band66_3MHz_QPSK_HCH_1778.5MHz_RB_15_0_NTNV



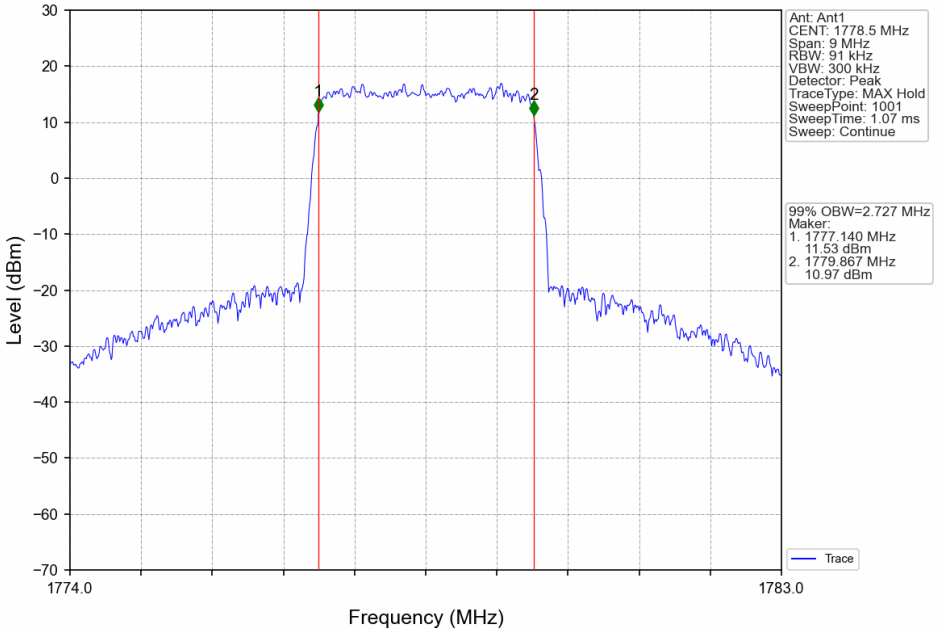
Band66_3MHz_16QAM_LCH_1711.5MHz_RB_15_0_NTNV



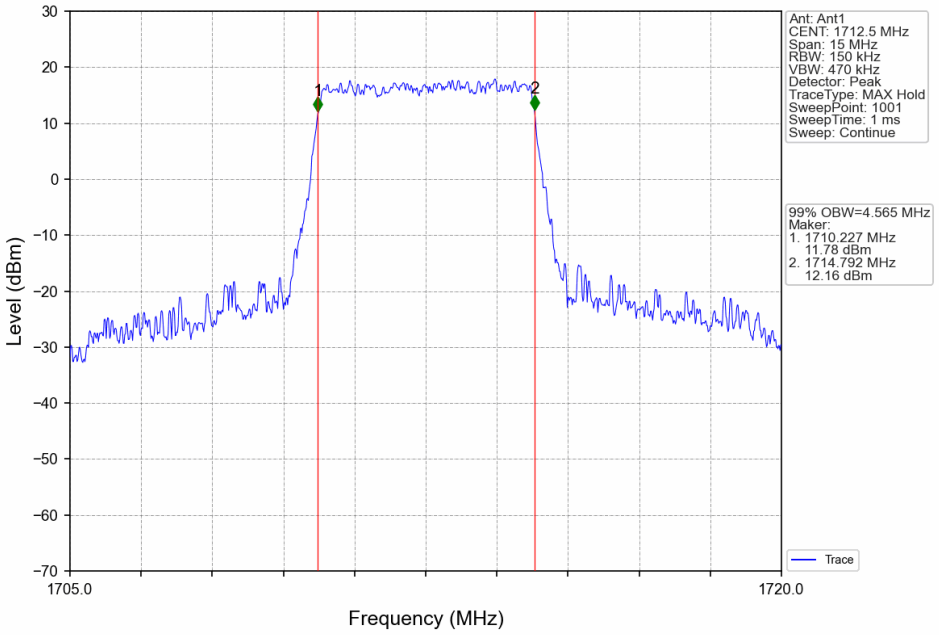
Band66_3MHz_16QAM_MCH_1745MHz_RB_15_0_NTNV



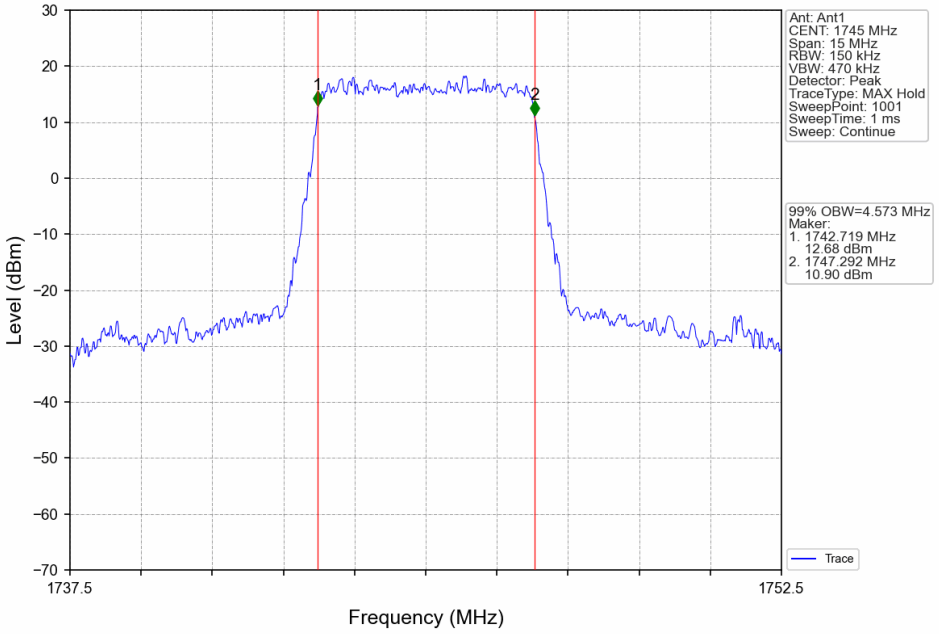
Band66_3MHz_16QAM_HCH_1778.5MHz_RB_15_0_NTNV



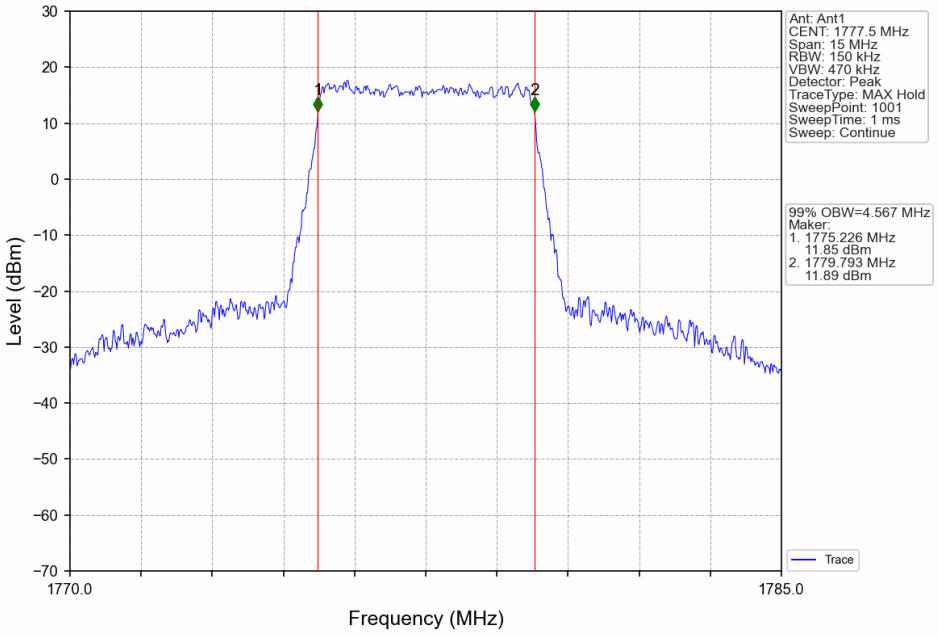
Band66_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV



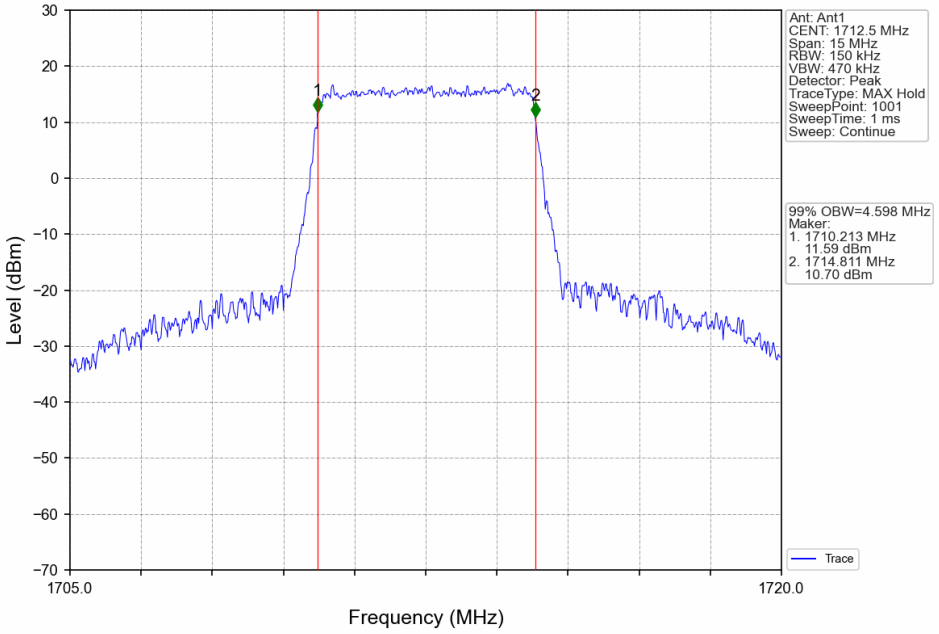
Band66_5MHz_QPSK_MCH_1745MHz_RB_25_0_NTNV



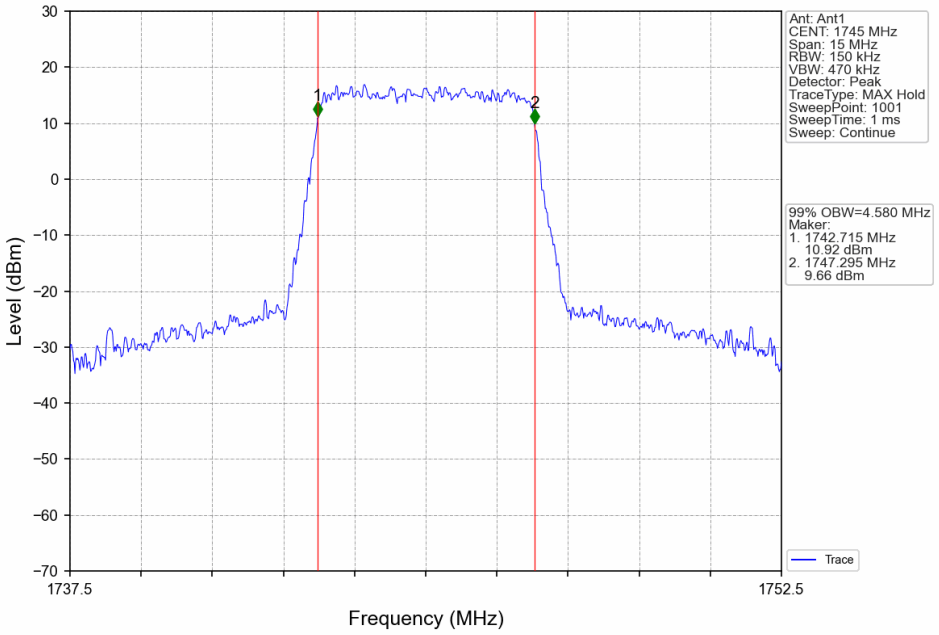
Band66_5MHz_QPSK_HCH_1777.5MHz_RB_25_0_NTNV



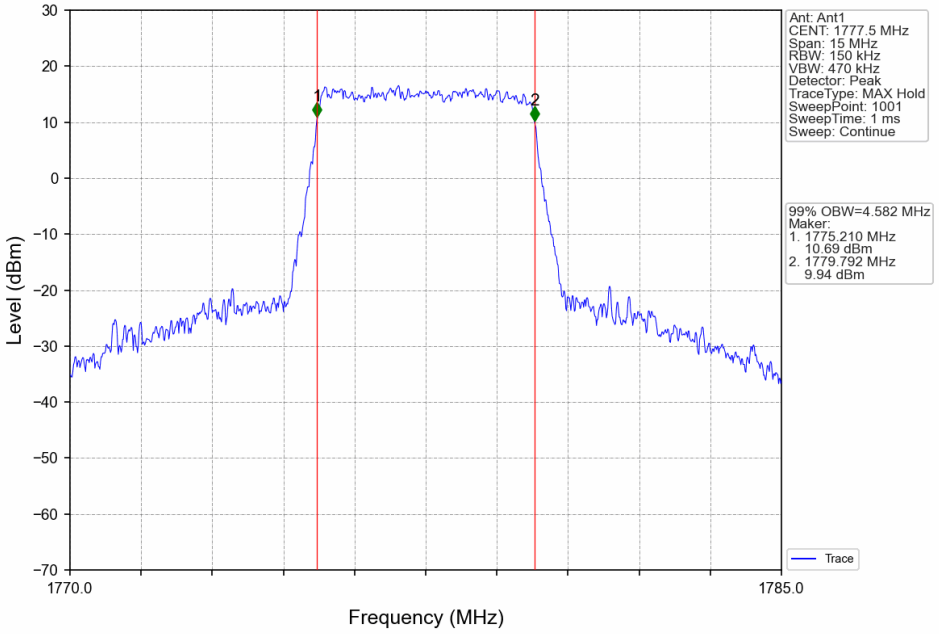
Band66_5MHz_16QAM_LCH_1712.5MHz_RB_25_0_NTNV



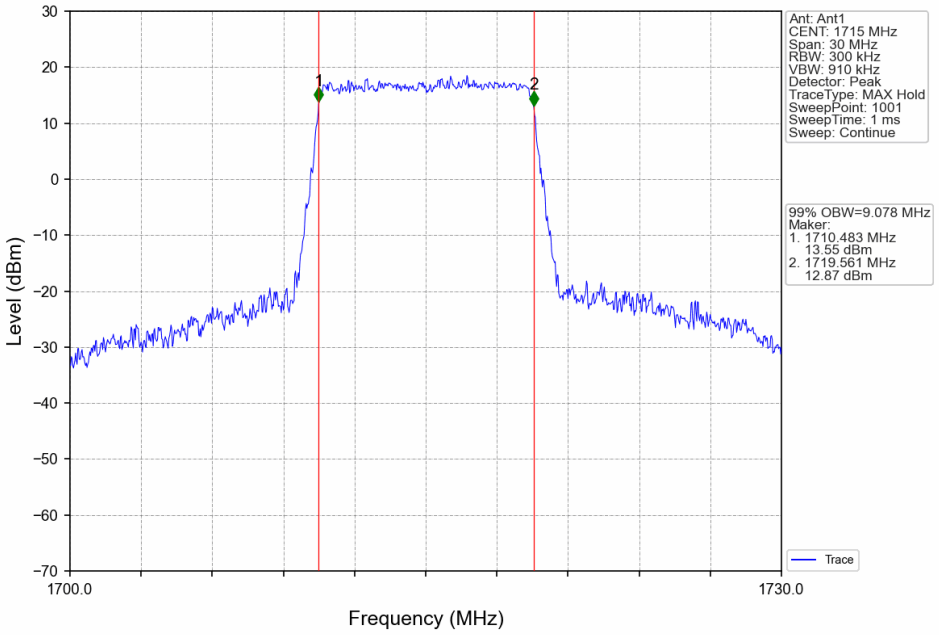
Band66_5MHz_16QAM_MCH_1745MHz_RB_25_0_NTNV



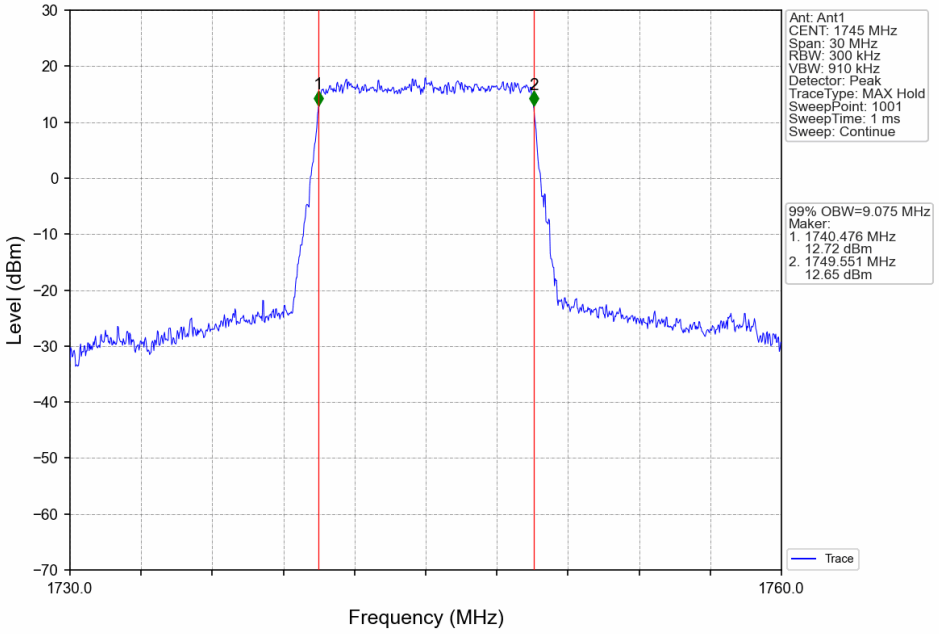
Band66_5MHz_16QAM_HCH_1777.5MHz_RB_25_0_NTNV



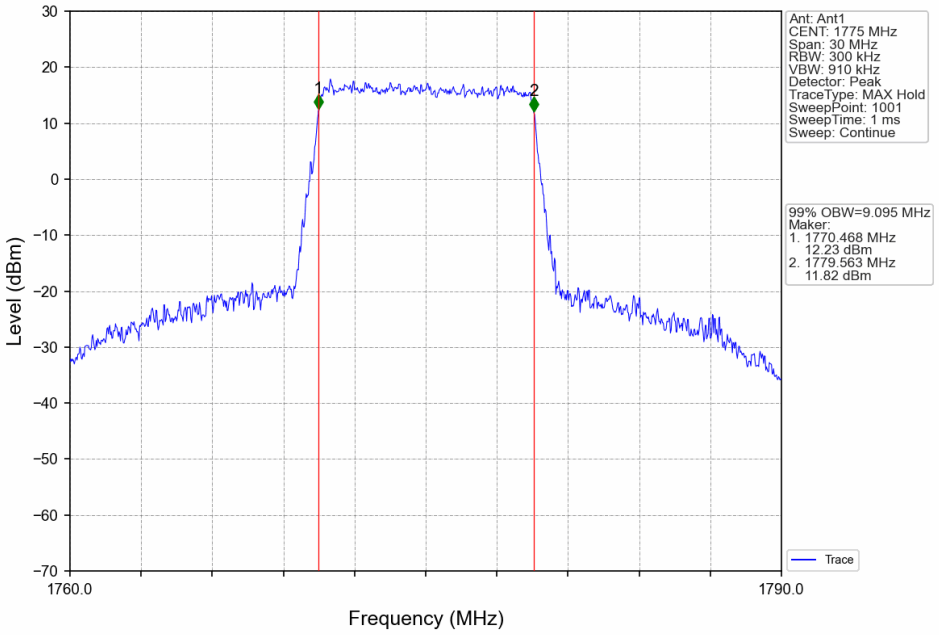
Band66_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV



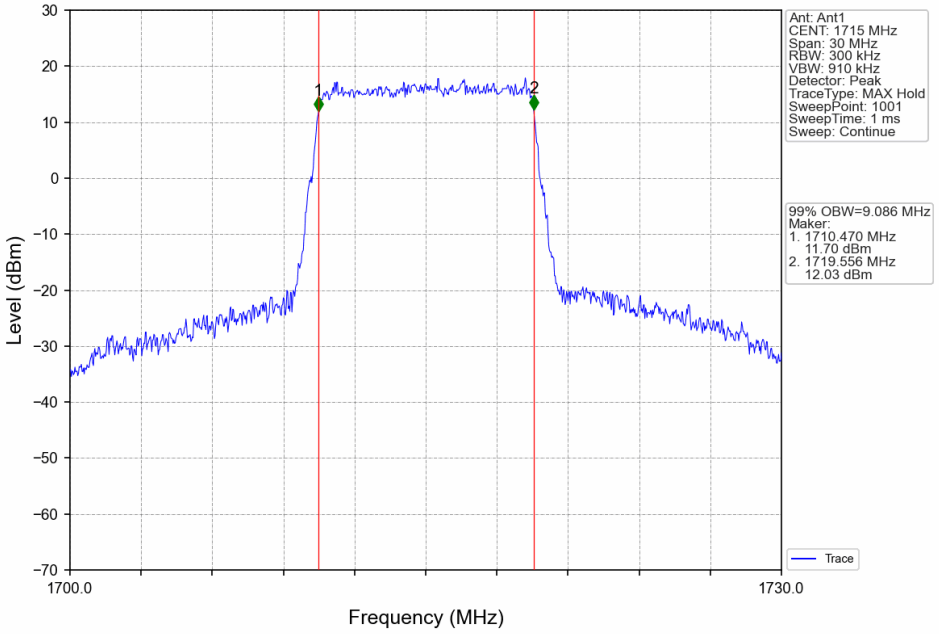
Band66_10MHz_QPSK_MCH_1745MHz_RB_50_0_NTNV



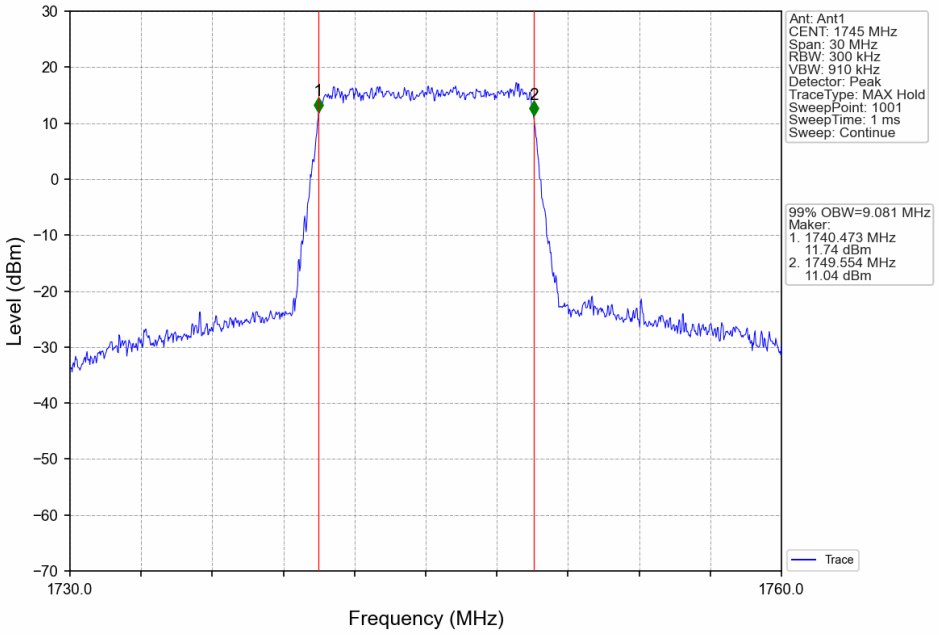
Band66_10MHz_QPSK_HCH_1775MHz_RB_50_0_NTNV



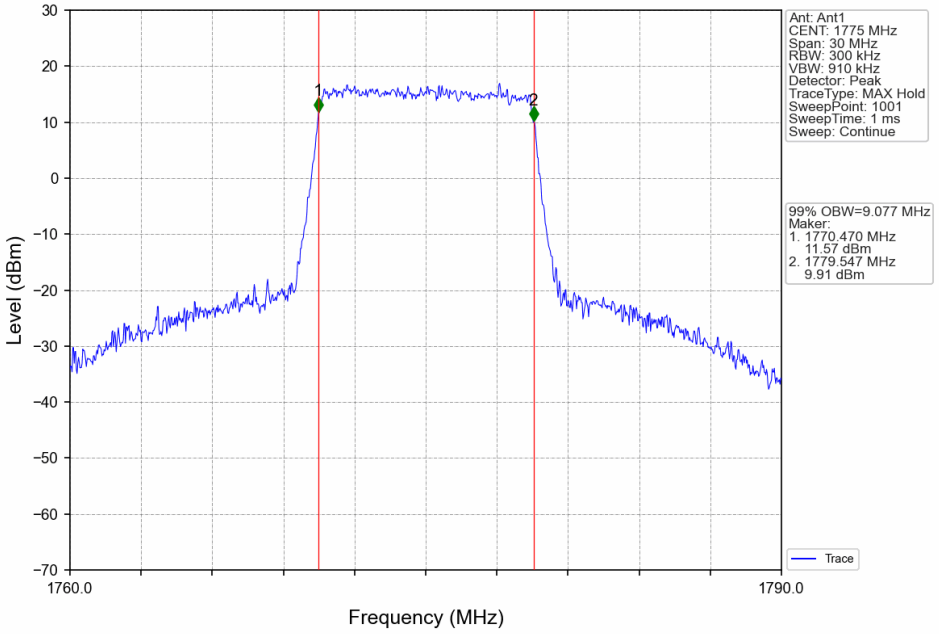
Band66_10MHz_16QAM_LCH_1715MHz_RB_50_0_NTNV



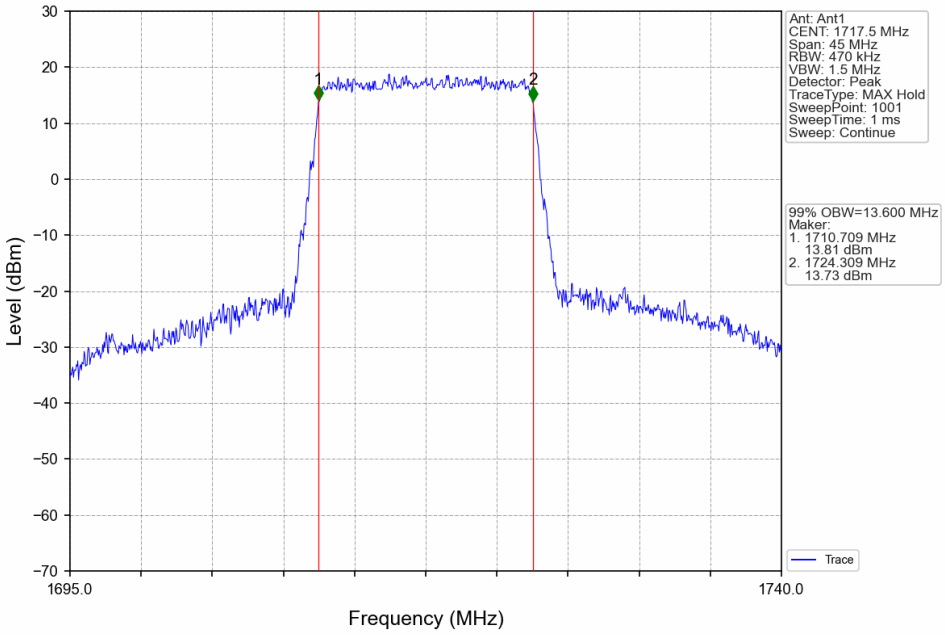
Band66_10MHz_16QAM_MCH_1745MHz_RB_50_0_NTNV



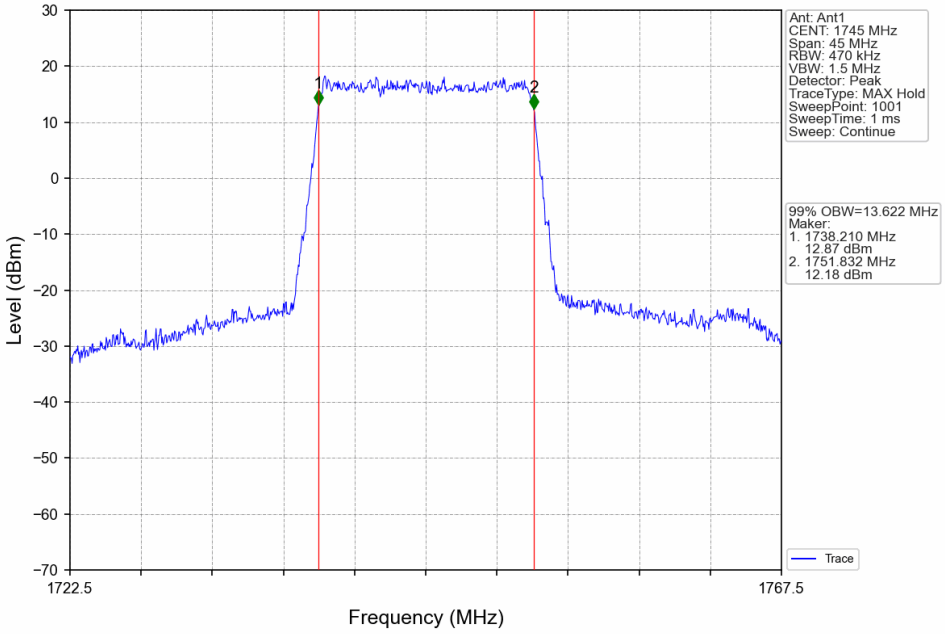
Band66_10MHz_16QAM_HCH_1775MHz_RB_50_0_NTNV



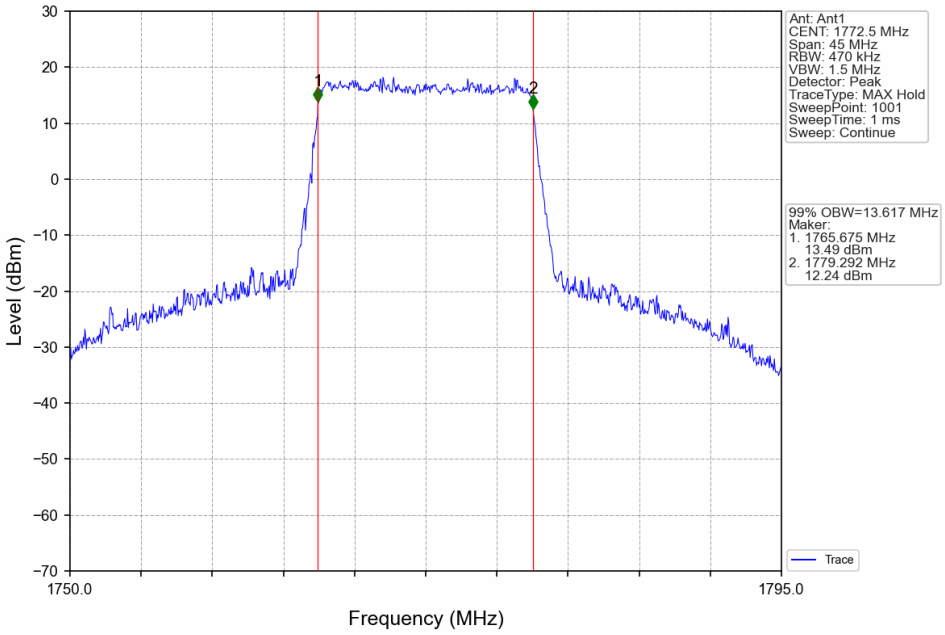
Band66_15MHz_QPSK_LCH_1717.5MHz_RB_75_0_NTNV



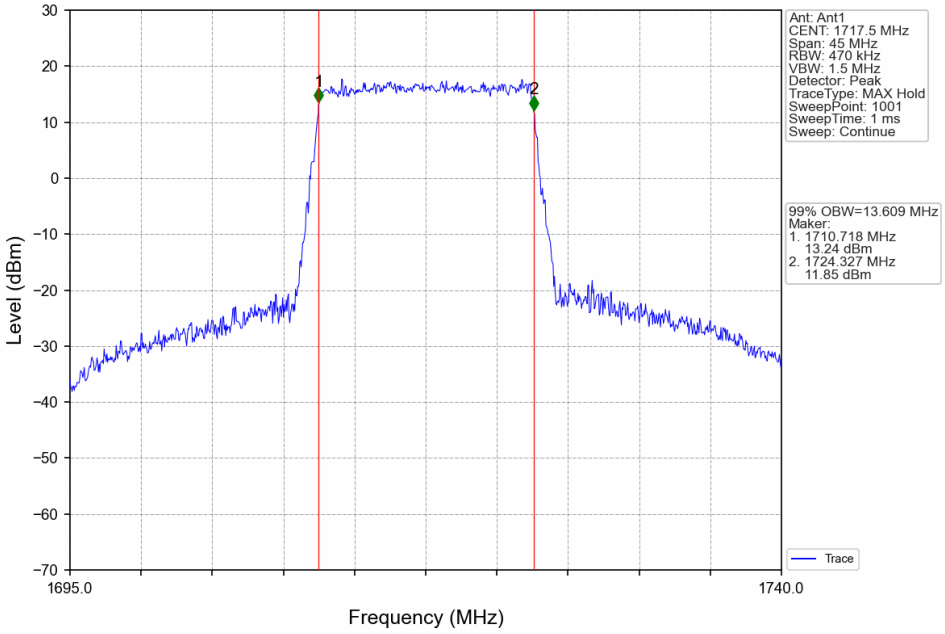
Band66_15MHz_QPSK_MCH_1745MHz_RB_75_0_NTNV



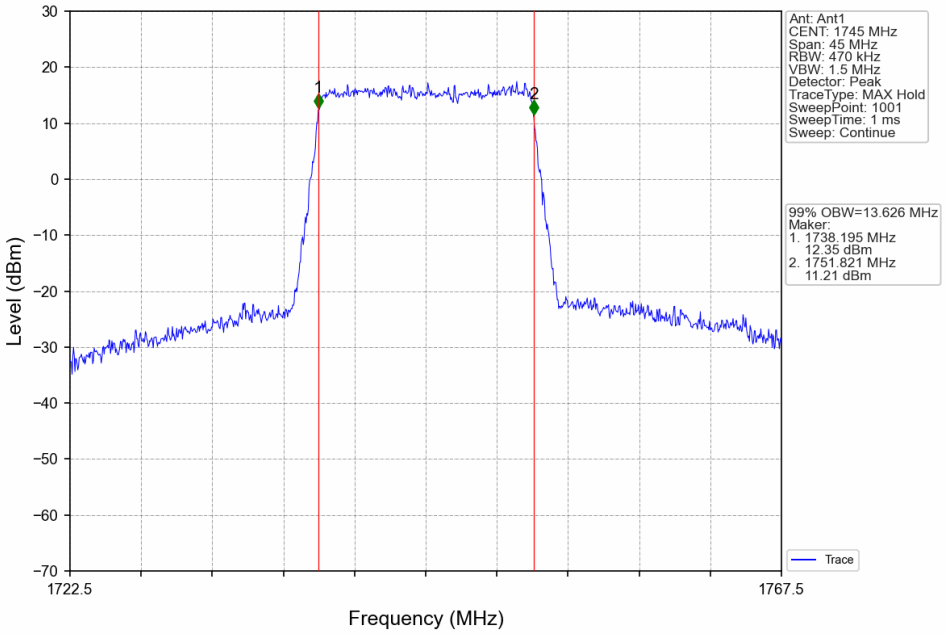
Band66_15MHz_QPSK_HCH_1772.5MHz_RB_75_0_NTNV



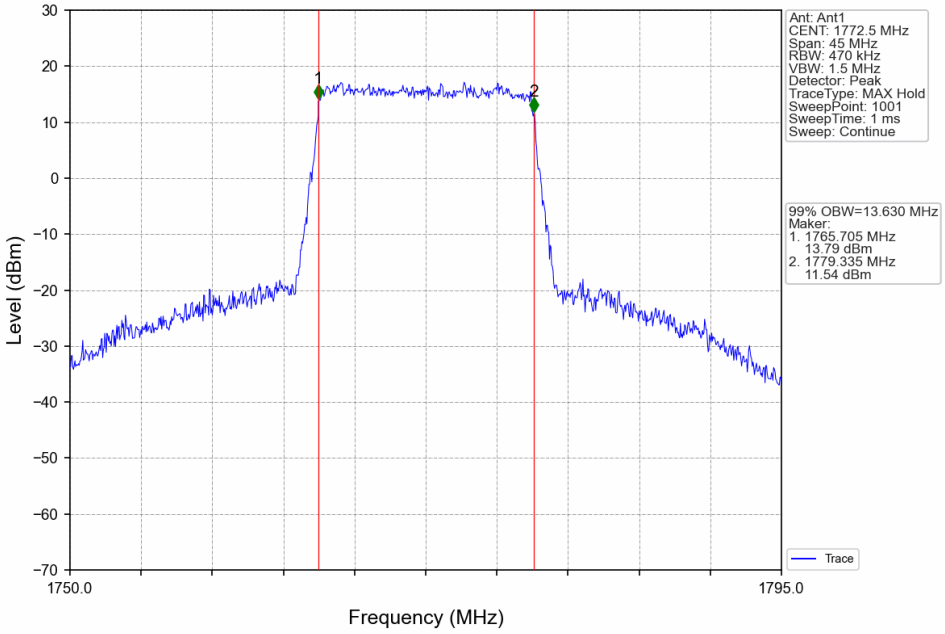
Band66_15MHz_16QAM_LCH_1717.5MHz_RB_75_0_NTNV



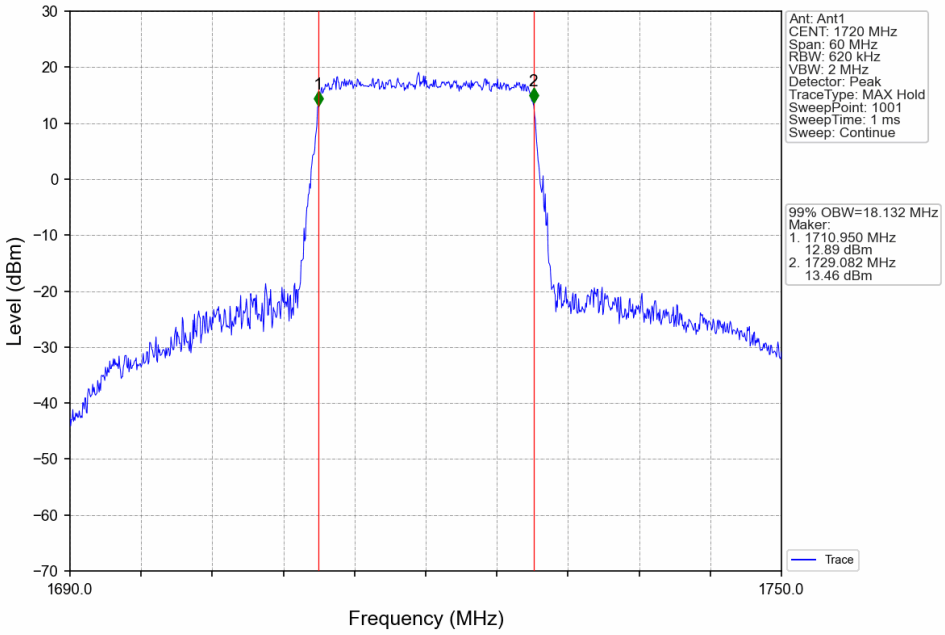
Band66_15MHz_16QAM_MCH_1745MHz_RB_75_0_NTNV



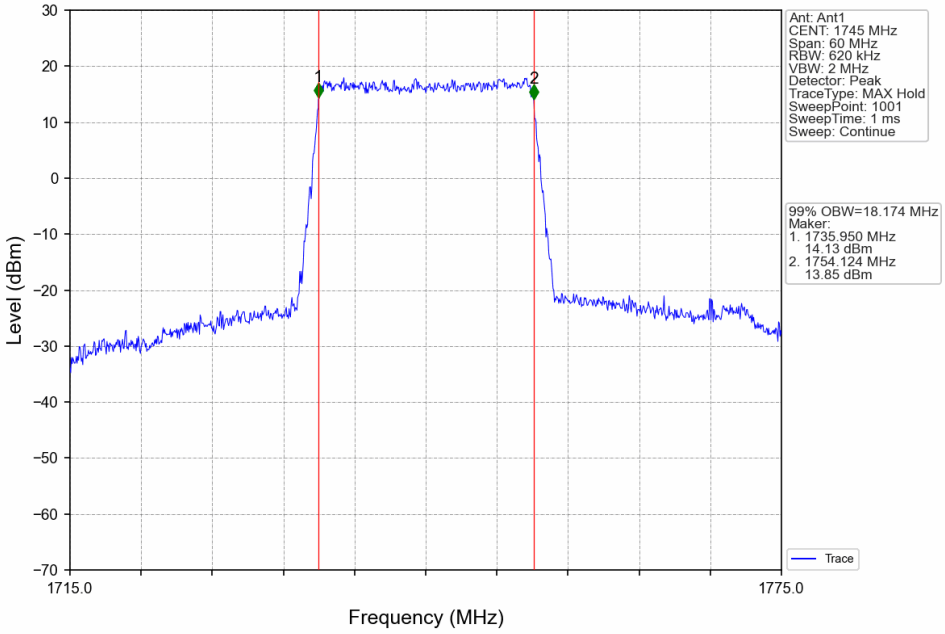
Band66_15MHz_16QAM_HCH_1772.5MHz_RB_75_0_NTNV



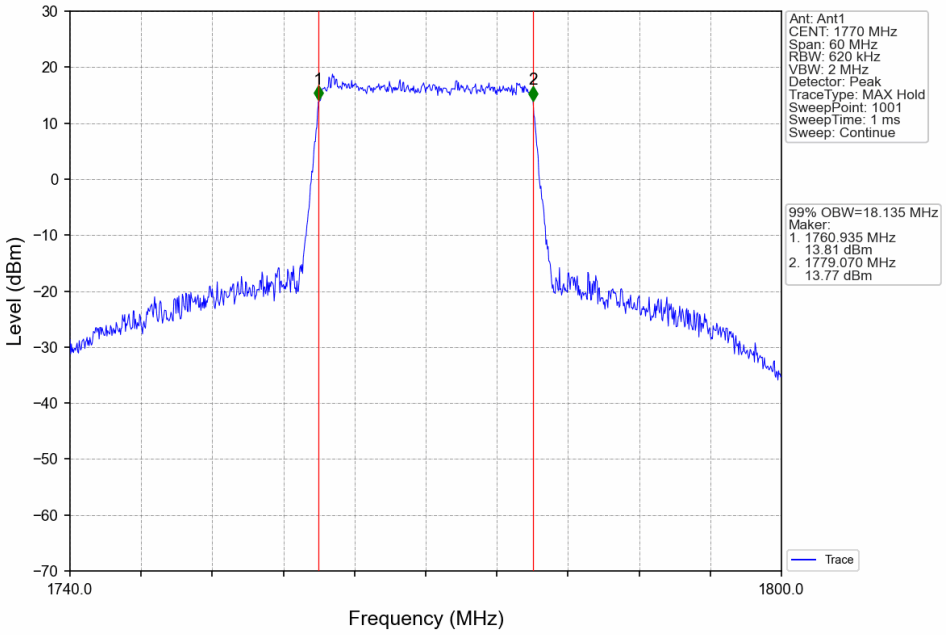
Band66_20MHz_QPSK_LCH_1720MHz_RB_100_0_NTNV



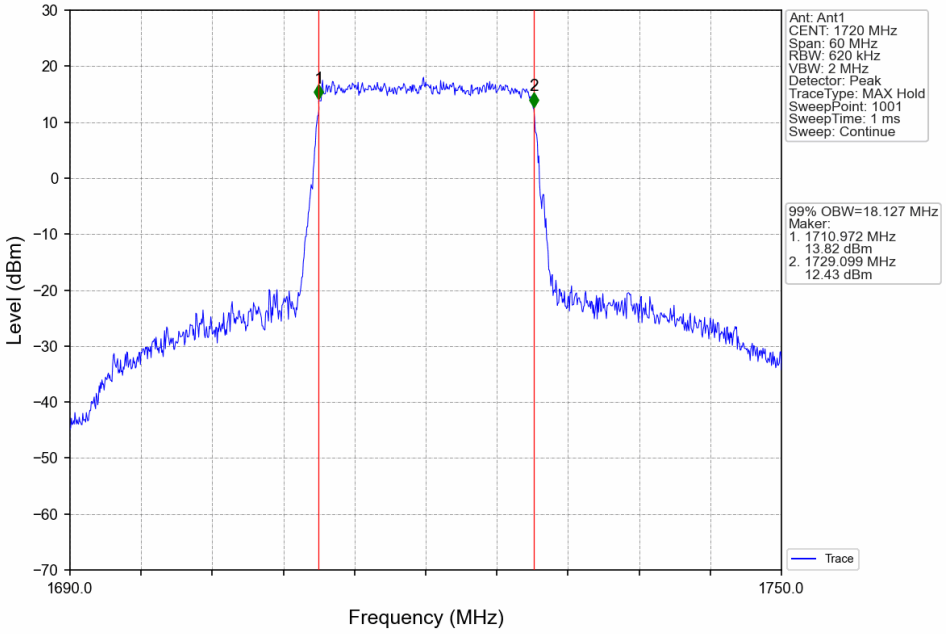
Band66_20MHz_QPSK_MCH_1745MHz_RB_100_0_NTNV



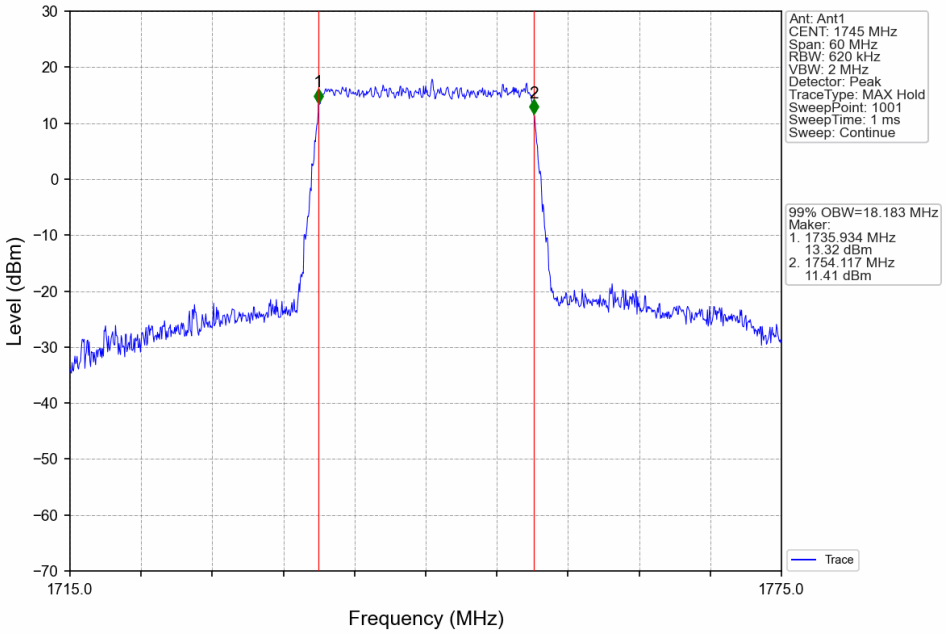
Band66_20MHz_QPSK_HCH_1770MHz_RB_100_0_NTNV



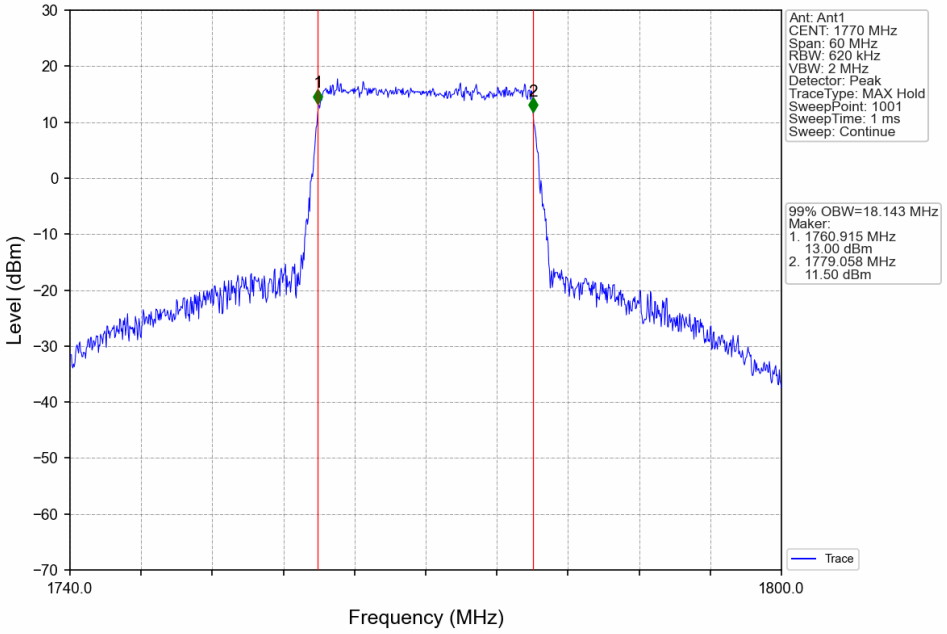
Band66_20MHz_16QAM_LCH_1720MHz_RB_100_0_NTNV



Band66_20MHz_16QAM_MCH_1745MHz_RB_100_0_NTNV



Band66_20MHz_16QAM_HCH_1770MHz_RB_100_0_NTNV



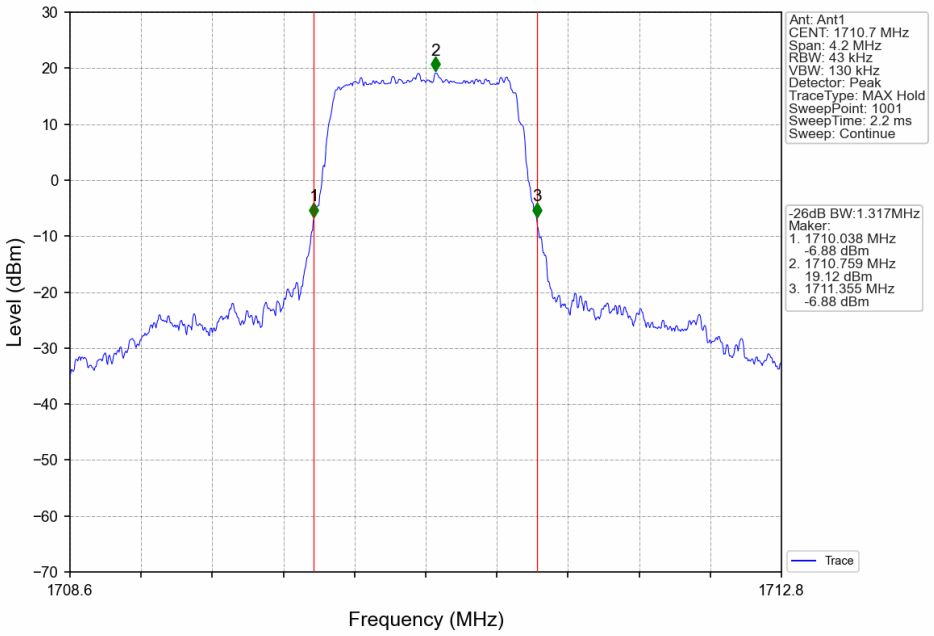
4.2 Band66_XDB

4.2.1 Test Result

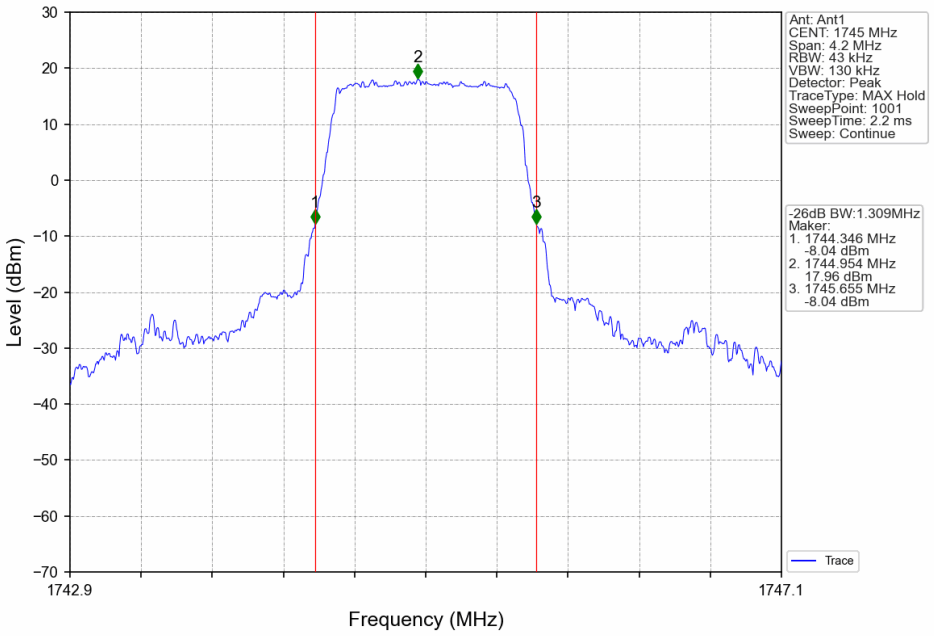
Band: 66 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)	Verdict
			Size	Offset	Result	
1.4	QPSK	1710.7	6	0	1.317	Pass
		1745	6	0	1.309	Pass
		1779.3	6	0	1.321	Pass
	16QAM	1710.7	6	0	1.326	Pass
		1745	6	0	1.306	Pass
		1779.3	6	0	1.336	Pass
3	QPSK	1711.5	15	0	2.999	Pass
		1745	15	0	2.997	Pass
		1778.5	15	0	2.989	Pass
	16QAM	1711.5	15	0	3.012	Pass
		1745	15	0	2.991	Pass
		1778.5	15	0	3.014	Pass
5	QPSK	1712.5	25	0	5.261	Pass
		1745	25	0	5.186	Pass
		1777.5	25	0	5.244	Pass
	16QAM	1712.5	25	0	5.292	Pass
		1745	25	0	5.230	Pass
		1777.5	25	0	5.239	Pass
10	QPSK	1715	50	0	10.244	Pass
		1745	50	0	10.352	Pass
		1775	50	0	10.318	Pass
	16QAM	1715	50	0	10.235	Pass
		1745	50	0	10.233	Pass
		1775	50	0	10.209	Pass
15	QPSK	1717.5	75	0	15.275	Pass
		1745	75	0	15.367	Pass
		1772.5	75	0	15.444	Pass
	16QAM	1717.5	75	0	15.200	Pass
		1745	75	0	15.375	Pass
		1772.5	75	0	15.385	Pass
20	QPSK	1720	100	0	20.353	Pass
		1745	100	0	20.066	Pass
		1770	100	0	19.960	Pass
	16QAM	1720	100	0	20.103	Pass
		1745	100	0	20.022	Pass
		1770	100	0	20.259	Pass

4.2.2 Test Graph

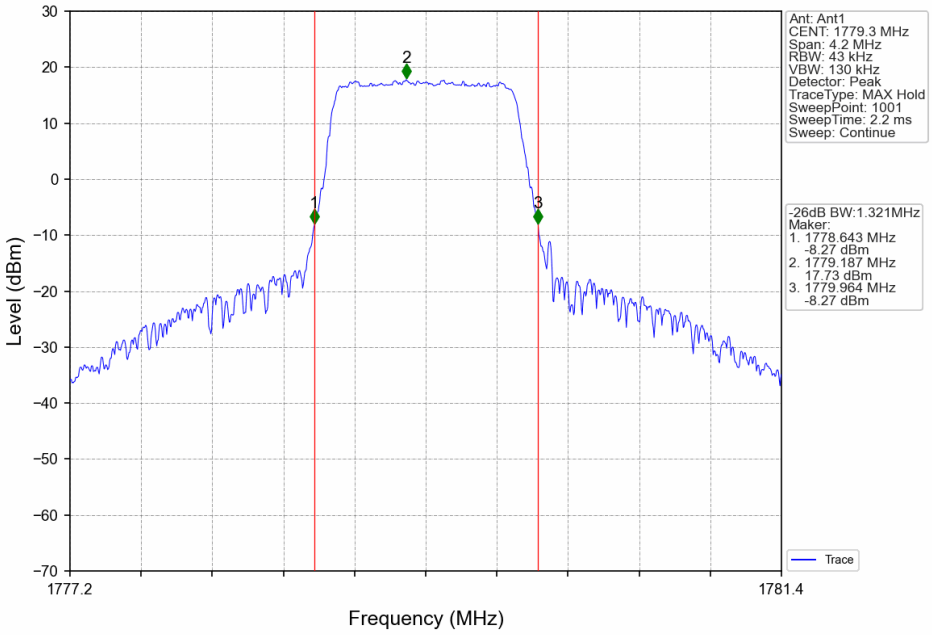
Band66_1.4MHz_QPSK_LCH_1710.7MHz_RB_6_0_NTNV



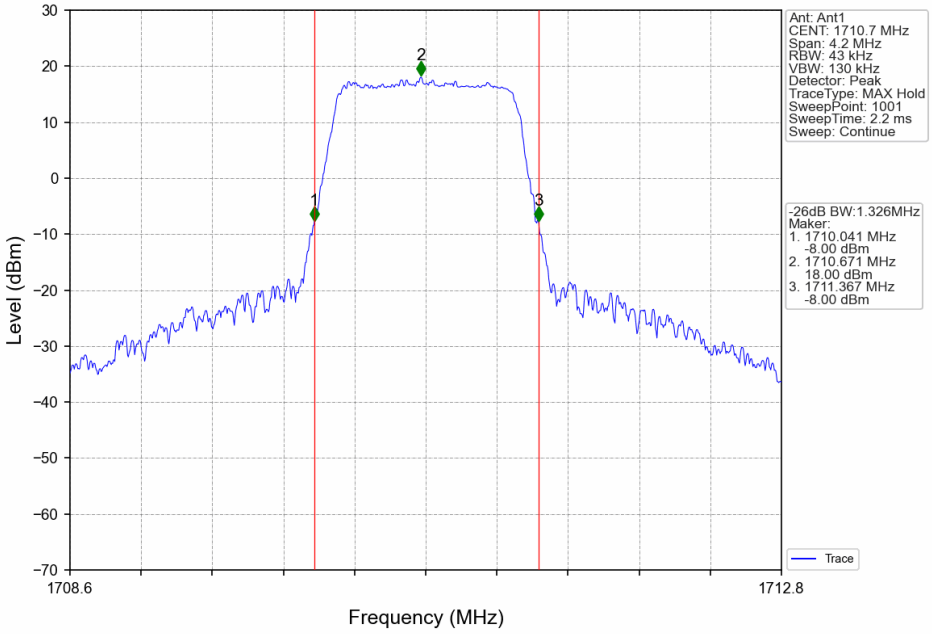
Band66_1.4MHz_QPSK_MCH_1745MHz_RB_6_0_NTNV



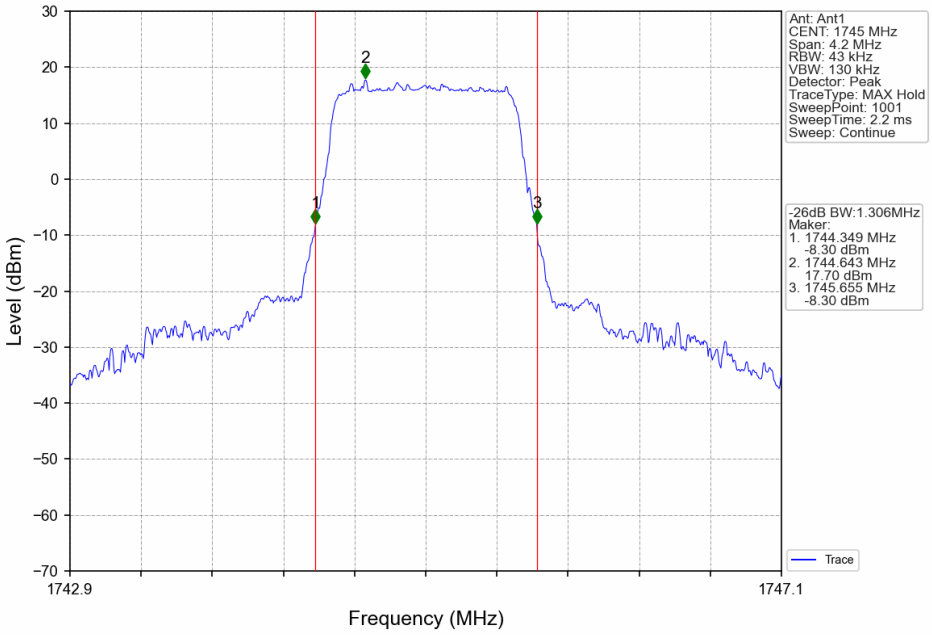
Band66_1.4MHz_QPSK_HCH_1779.3MHz_RB_6_0_NTNV



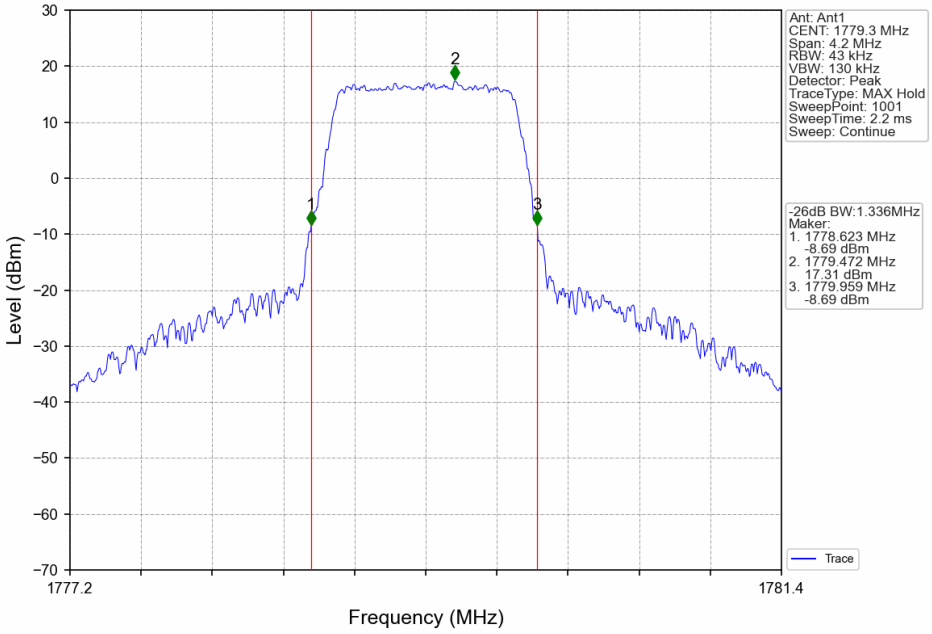
Band66_1.4MHz_16QAM_LCH_1710.7MHz_RB_6_0_NTNV



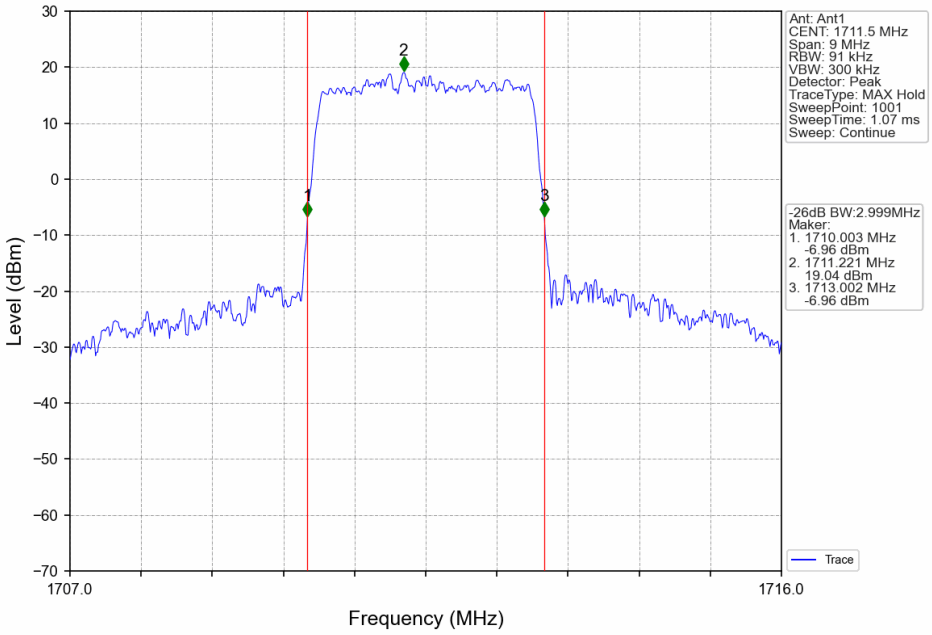
Band66_1.4MHz_16QAM_MCH_1745MHz_RB_6_0_NTNV



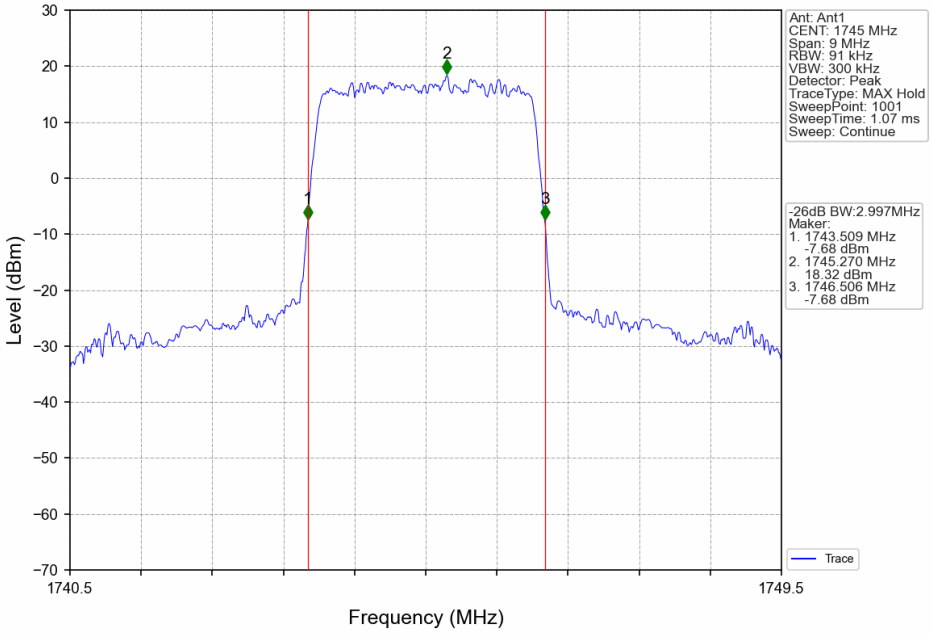
Band66_1.4MHz_16QAM_HCH_1779.3MHz_RB_6_0_NTNV



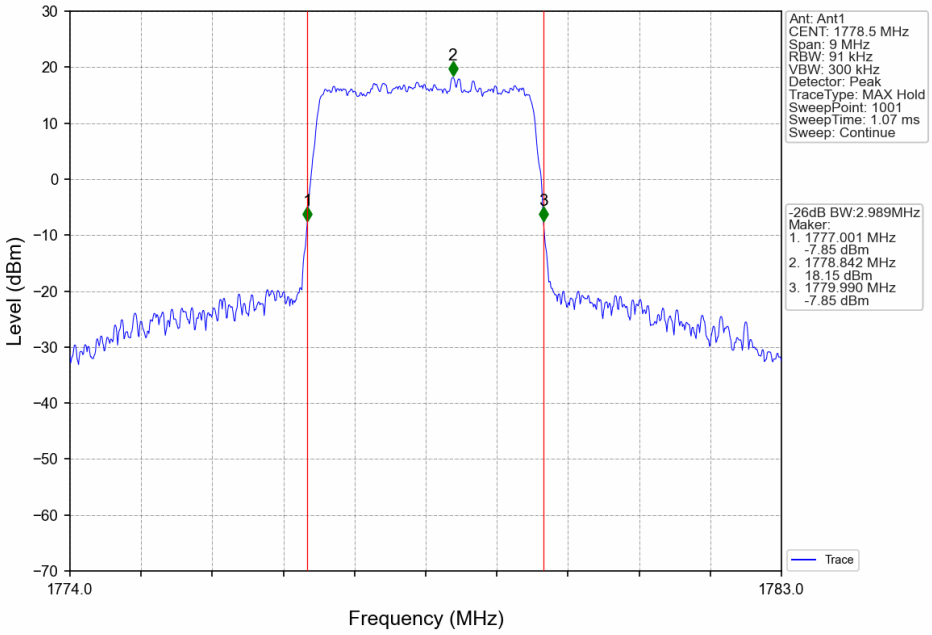
Band66_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV



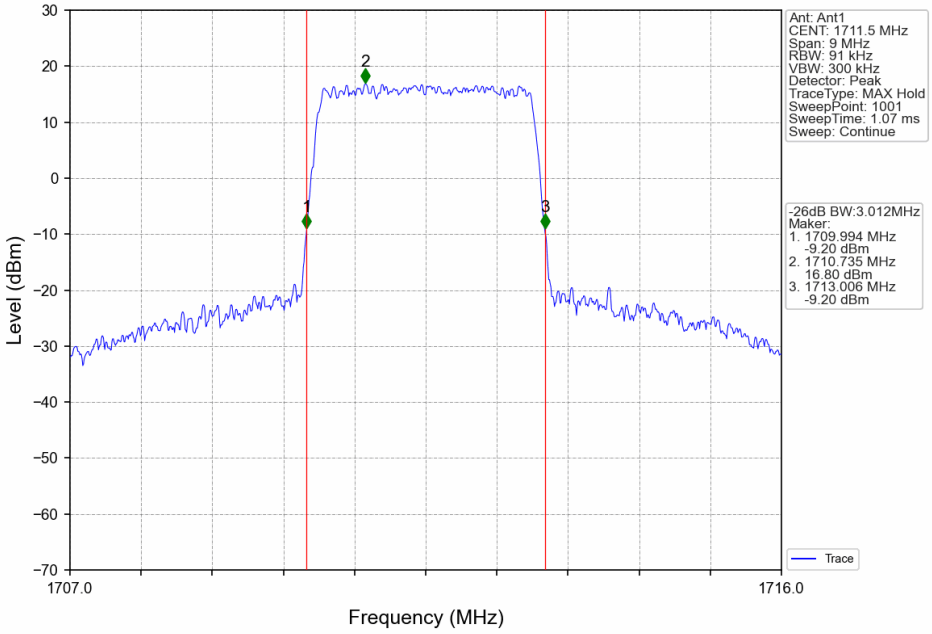
Band66_3MHz_QPSK_MCH_1745MHz_RB_15_0_NTNV



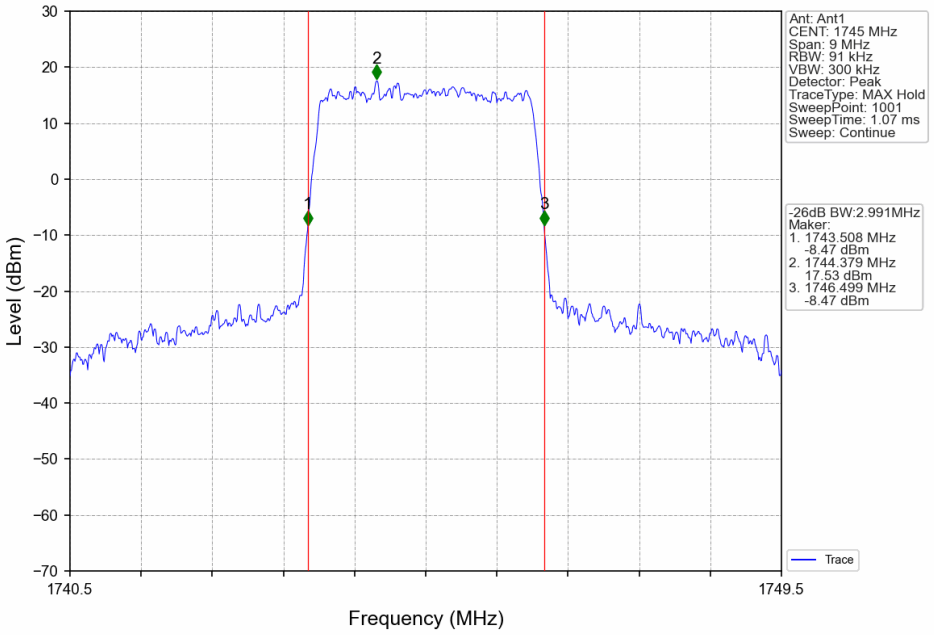
Band66_3MHz_QPSK_HCH_1778.5MHz_RB_15_0_NTNV



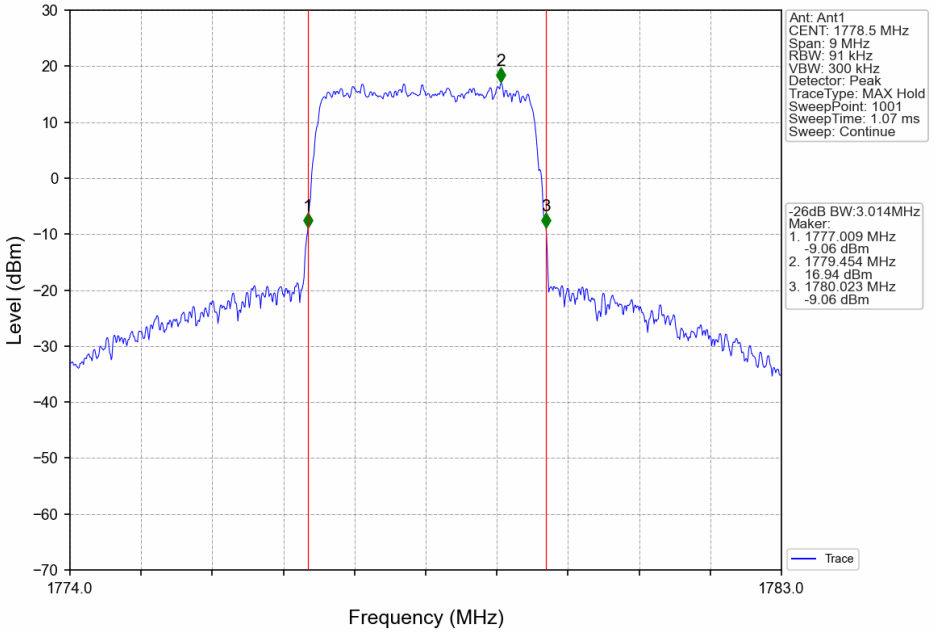
Band66_3MHz_16QAM_LCH_1711.5MHz_RB_15_0_NTNV



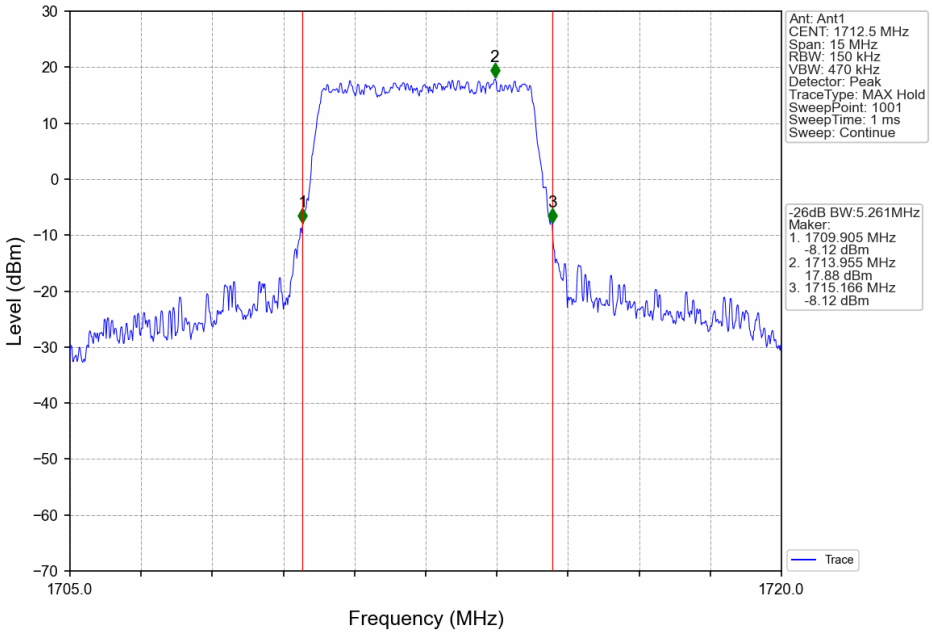
Band66_3MHz_16QAM_MCH_1745MHz_RB_15_0_NTNV



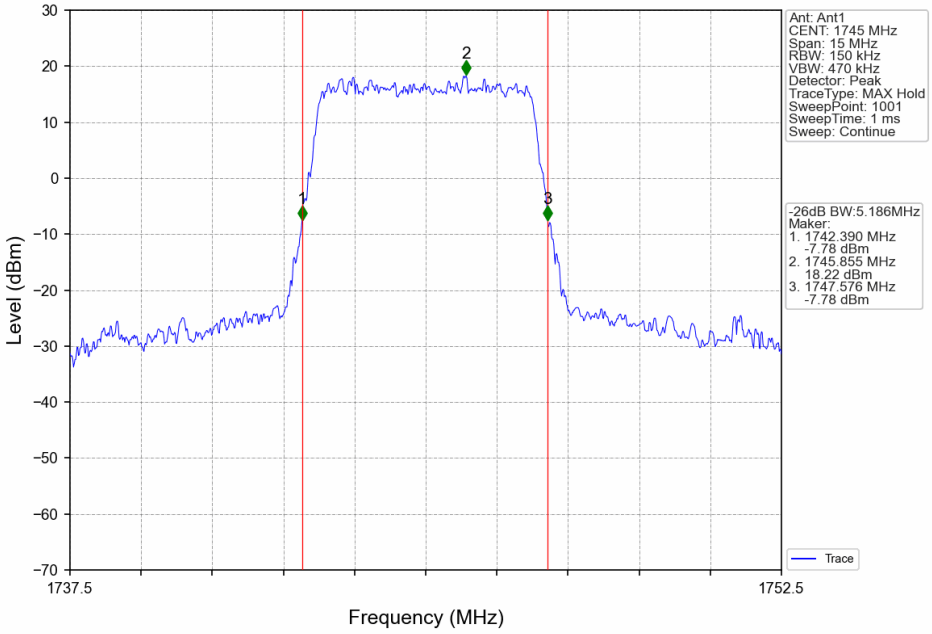
Band66_3MHz_16QAM_HCH_1778.5MHz_RB_15_0_NTNV



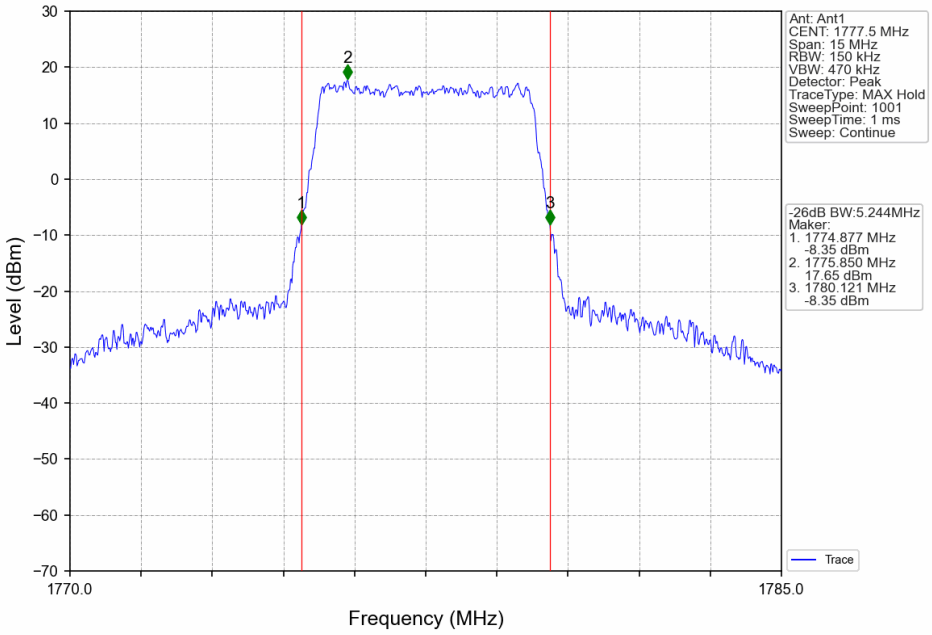
Band66_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV



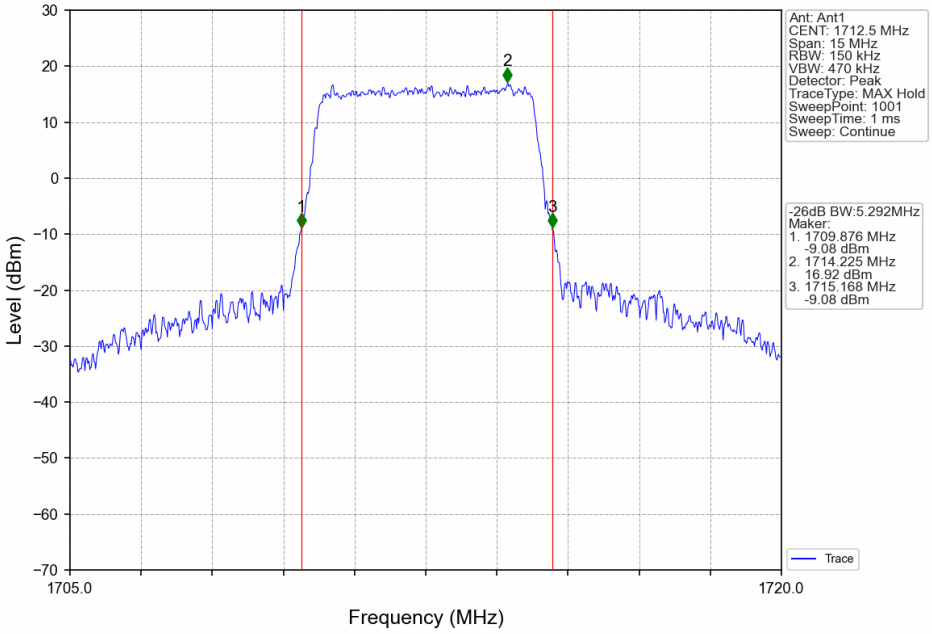
Band66_5MHz_QPSK_MCH_1745MHz_RB_25_0_NTNV



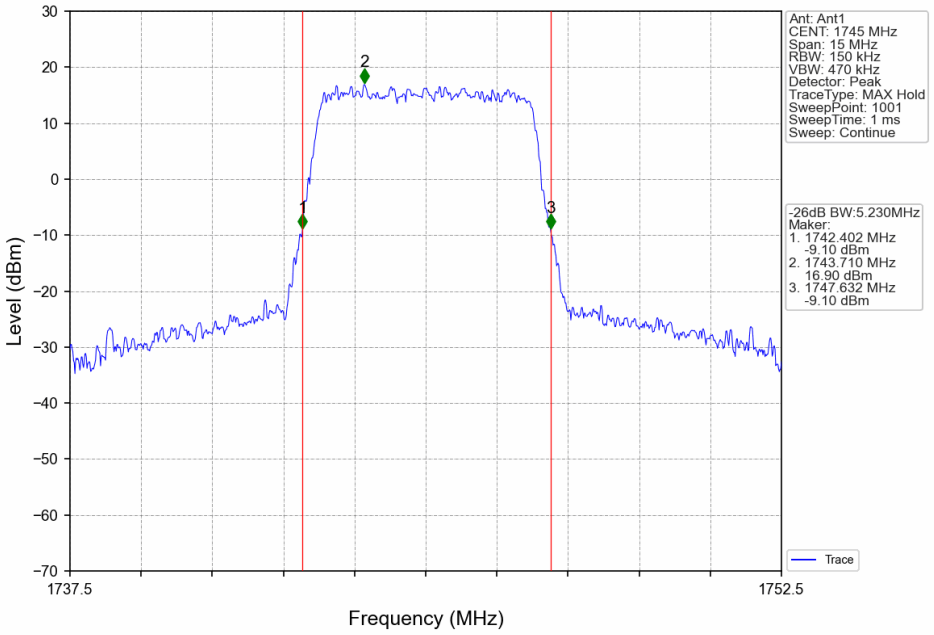
Band66_5MHz_QPSK_HCH_1777.5MHz_RB_25_0_NTNV



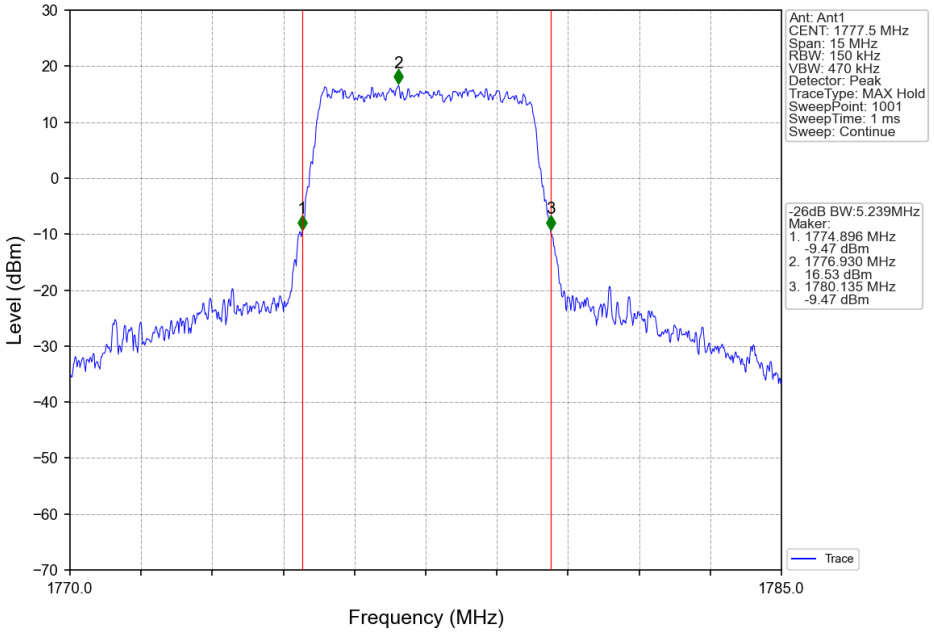
Band66_5MHz_16QAM_LCH_1712.5MHz_RB_25_0_NTNV



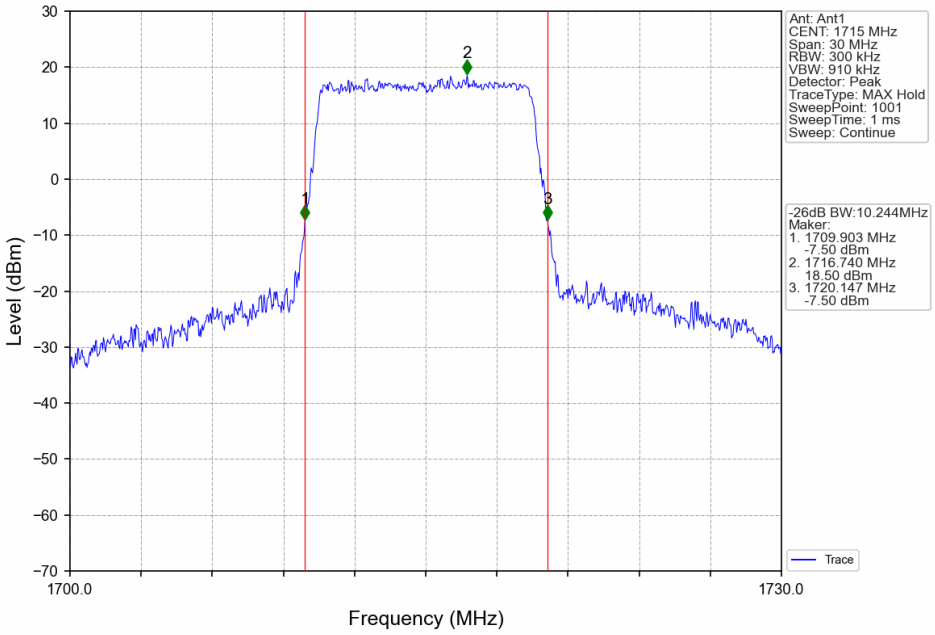
Band66_5MHz_16QAM_MCH_1745MHz_RB_25_0_NTNV



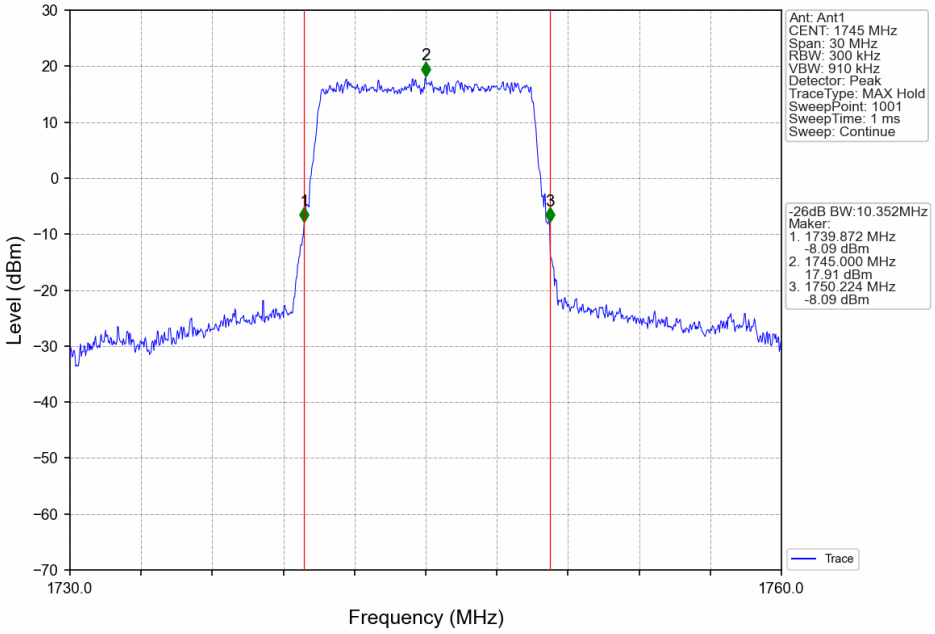
Band66_5MHz_16QAM_HCH_1777.5MHz_RB_25_0_NTNV



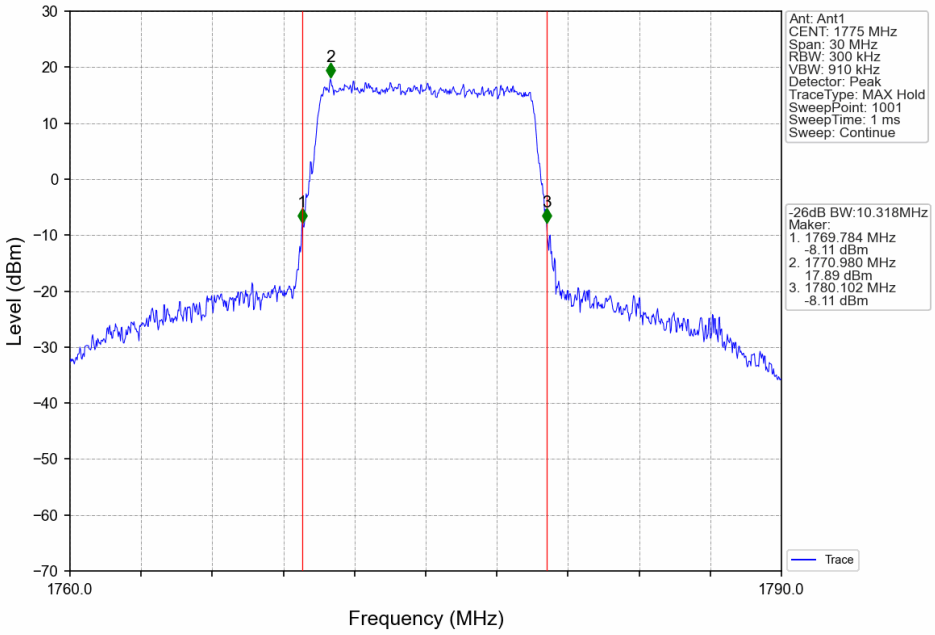
Band66_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV



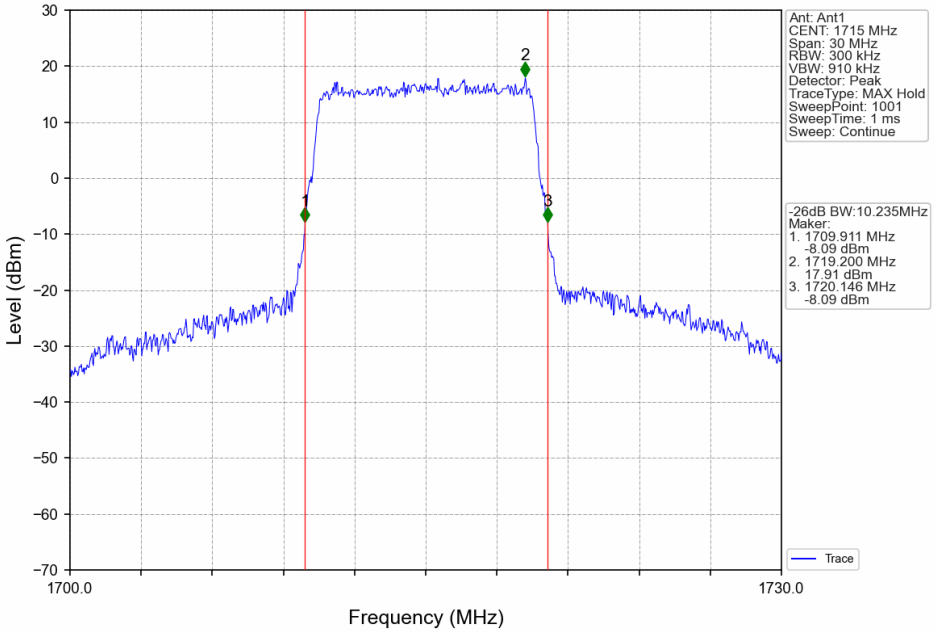
Band66_10MHz_QPSK_MCH_1745MHz_RB_50_0_NTNV



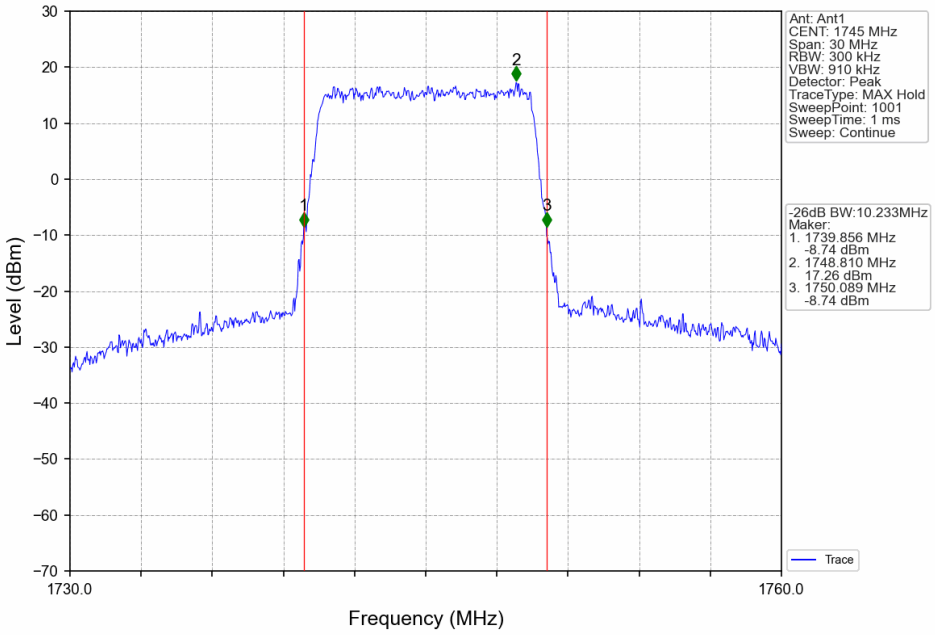
Band66_10MHz_QPSK_HCH_1775MHz_RB_50_0_NTNV



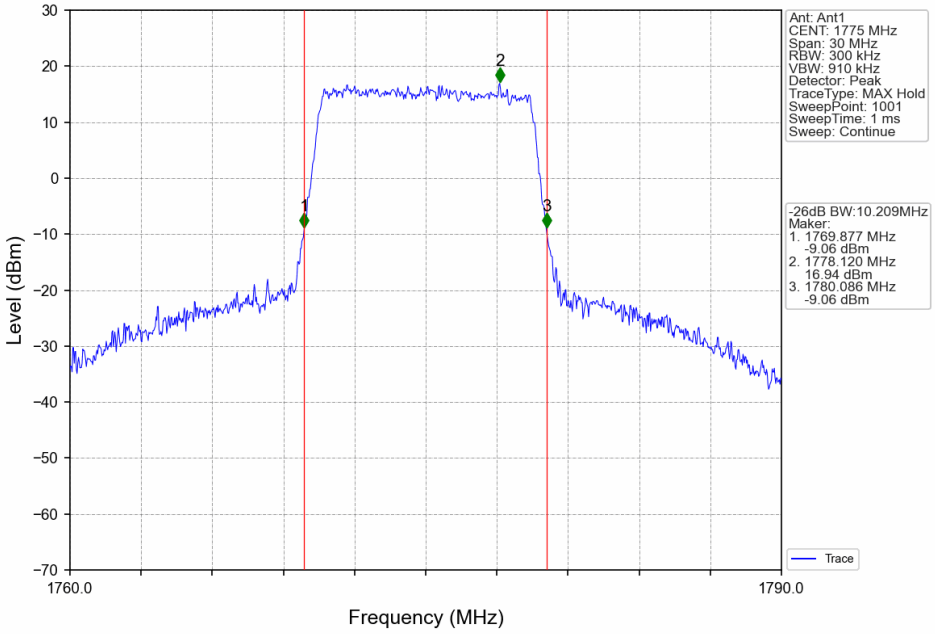
Band66_10MHz_16QAM_LCH_1715MHz_RB_50_0_NTNV



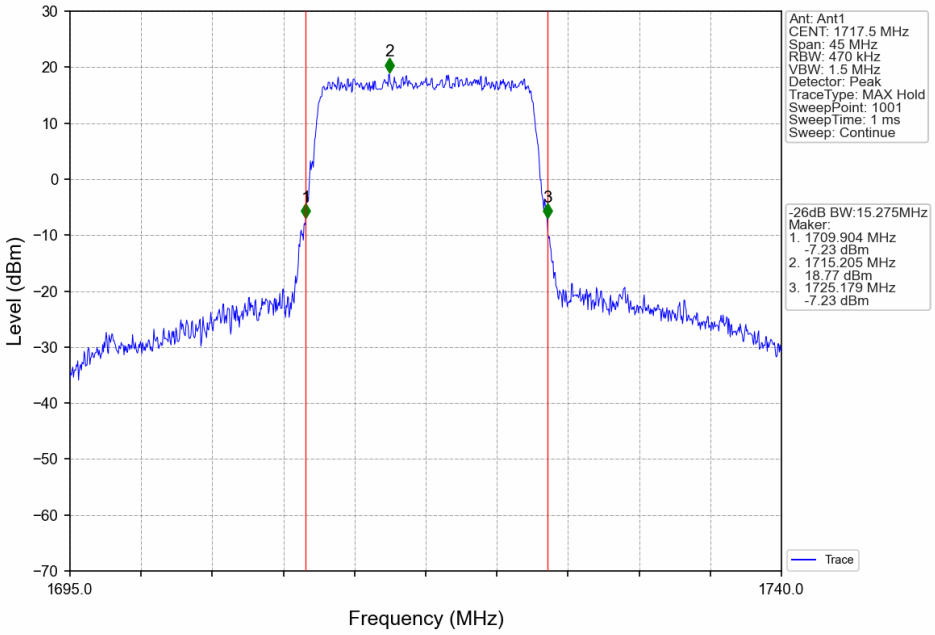
Band66_10MHz_16QAM_MCH_1745MHz_RB_50_0_NTNV



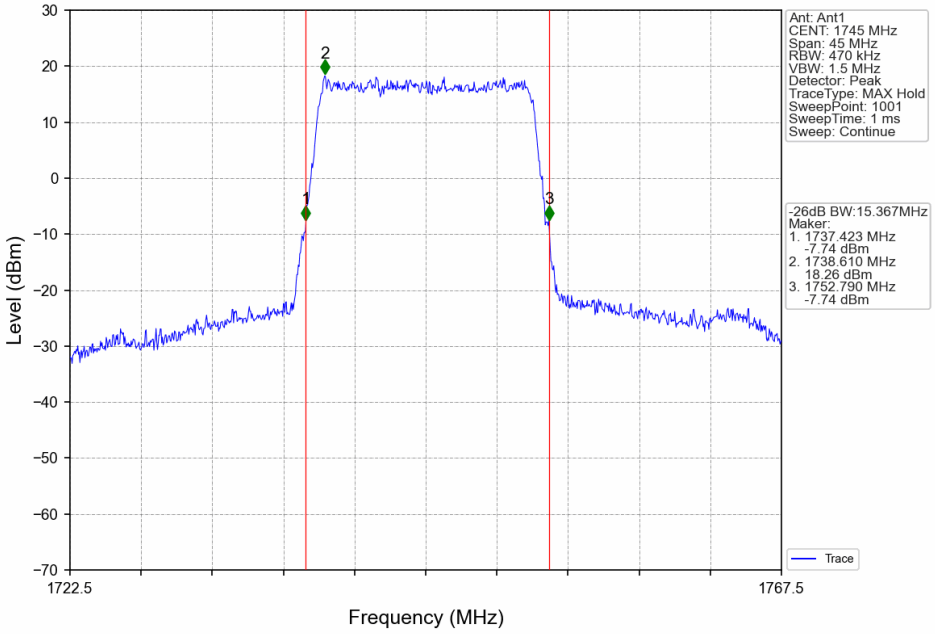
Band66_10MHz_16QAM_HCH_1775MHz_RB_50_0_NTNV



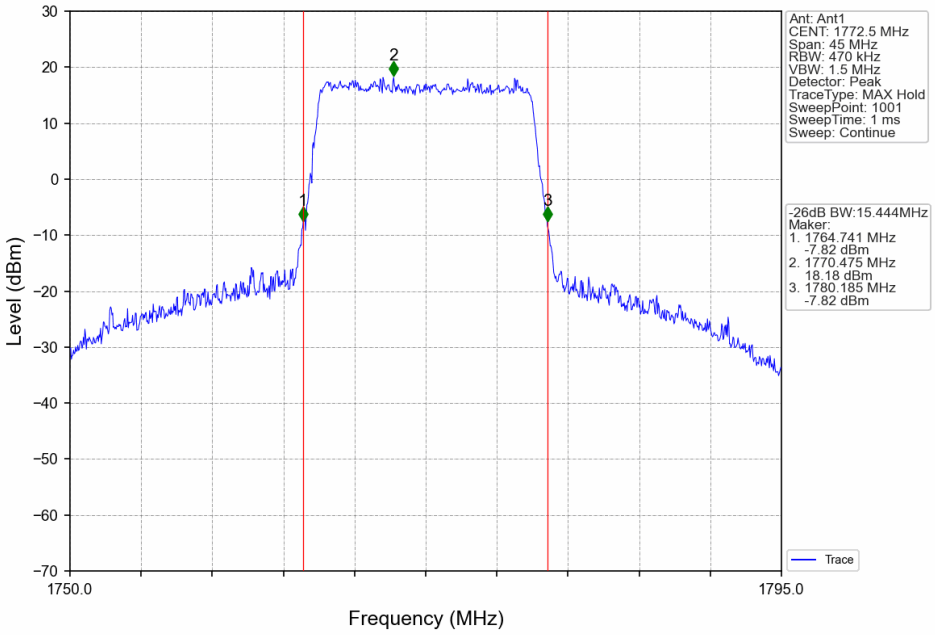
Band66_15MHz_QPSK_LCH_1717.5MHz_RB_75_0_NTNV



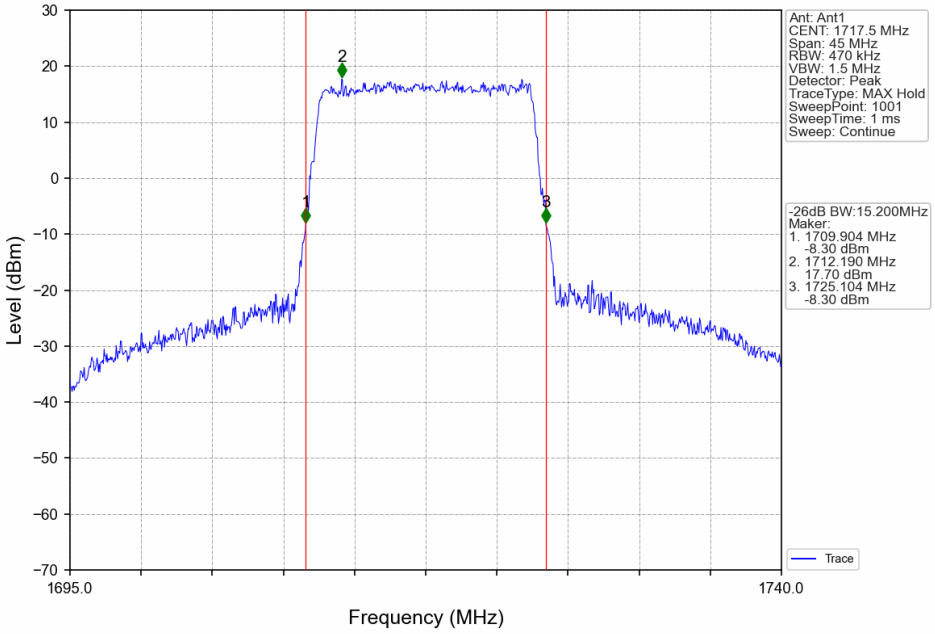
Band66_15MHz_QPSK_MCH_1745MHz_RB_75_0_NTNV



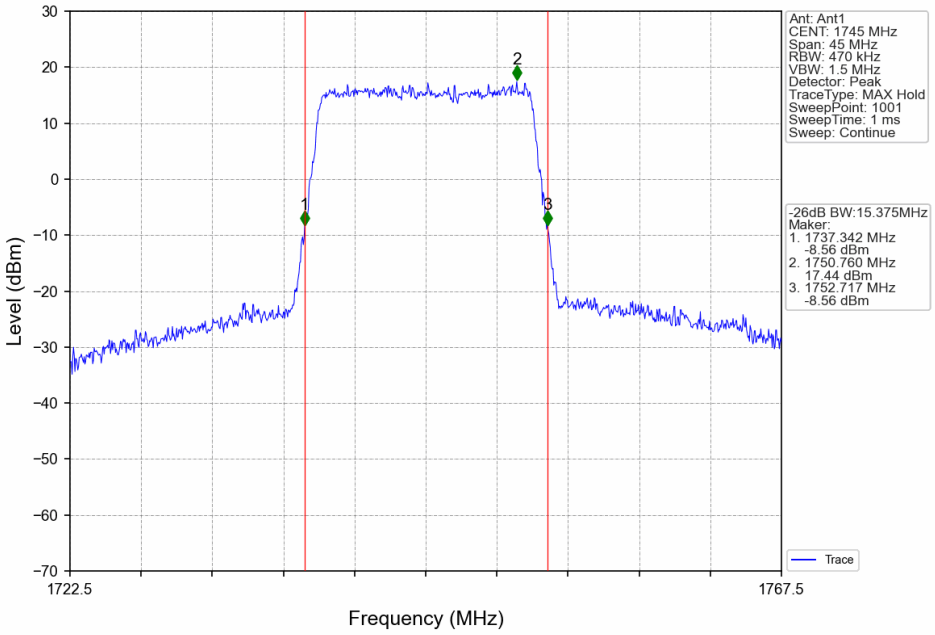
Band66_15MHz_QPSK_HCH_1772.5MHz_RB_75_0_NTNV



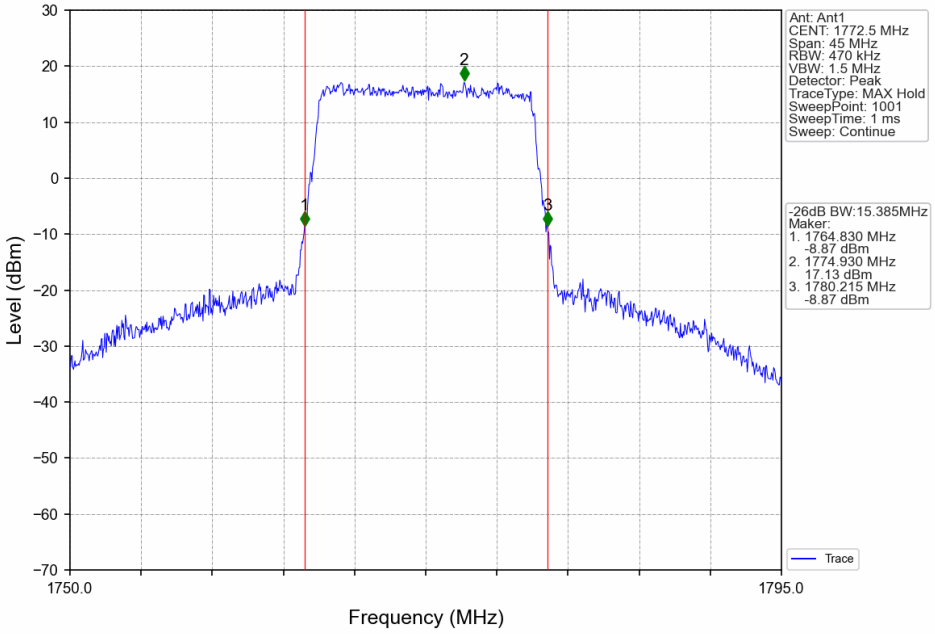
Band66_15MHz_16QAM_LCH_1717.5MHz_RB_75_0_NTNV



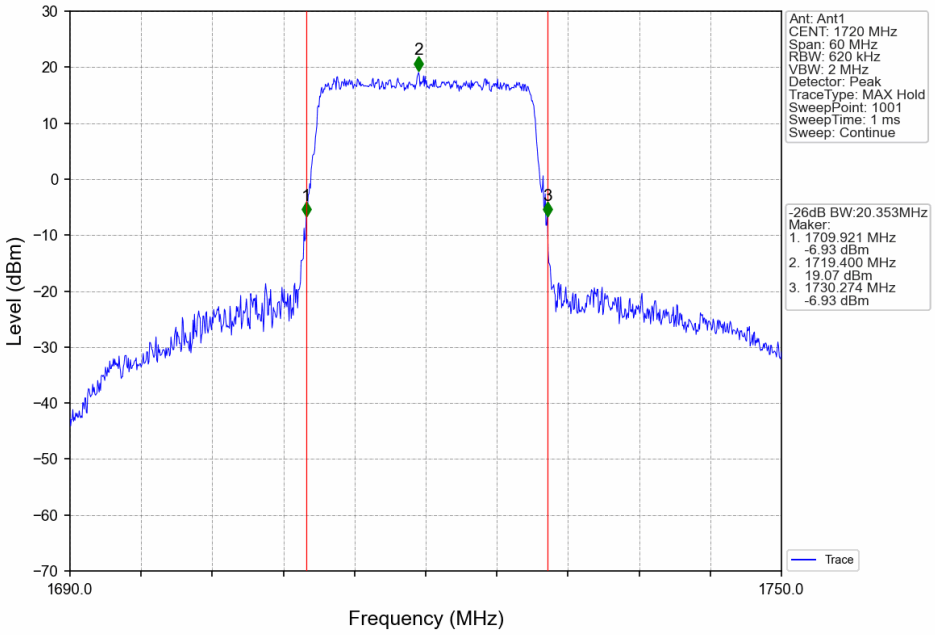
Band66_15MHz_16QAM_MCH_1745MHz_RB_75_0_NTNV



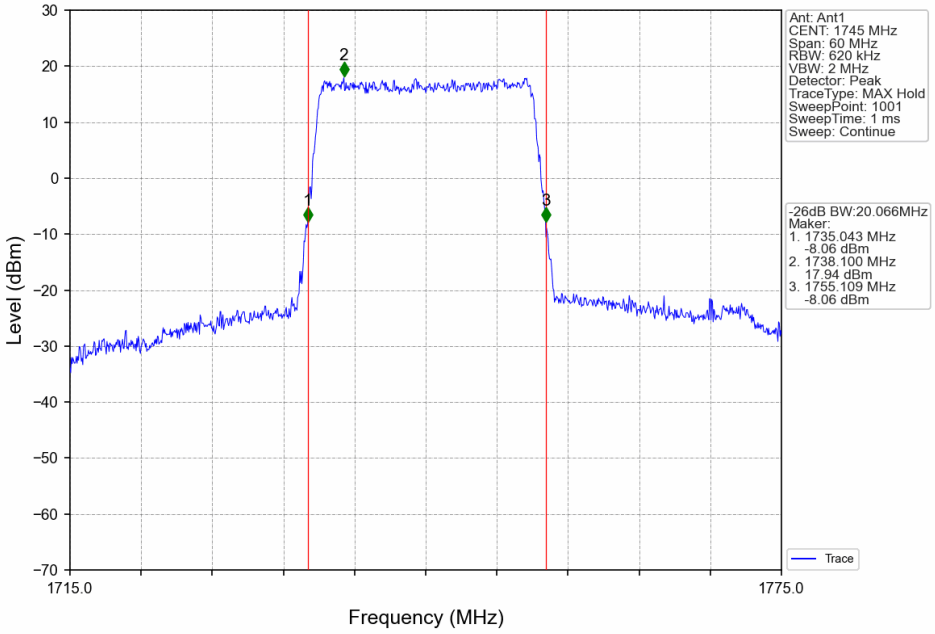
Band66_15MHz_16QAM_HCH_1772.5MHz_RB_75_0_NTNV



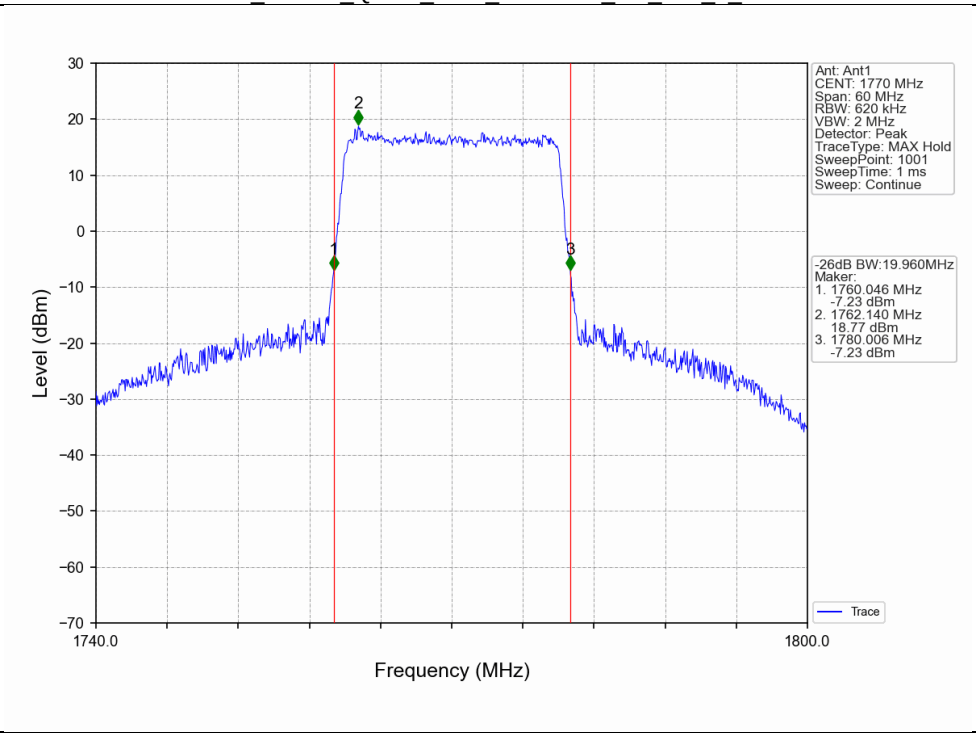
Band66_20MHz_QPSK_LCH_1720MHz_RB_100_0_NTNV



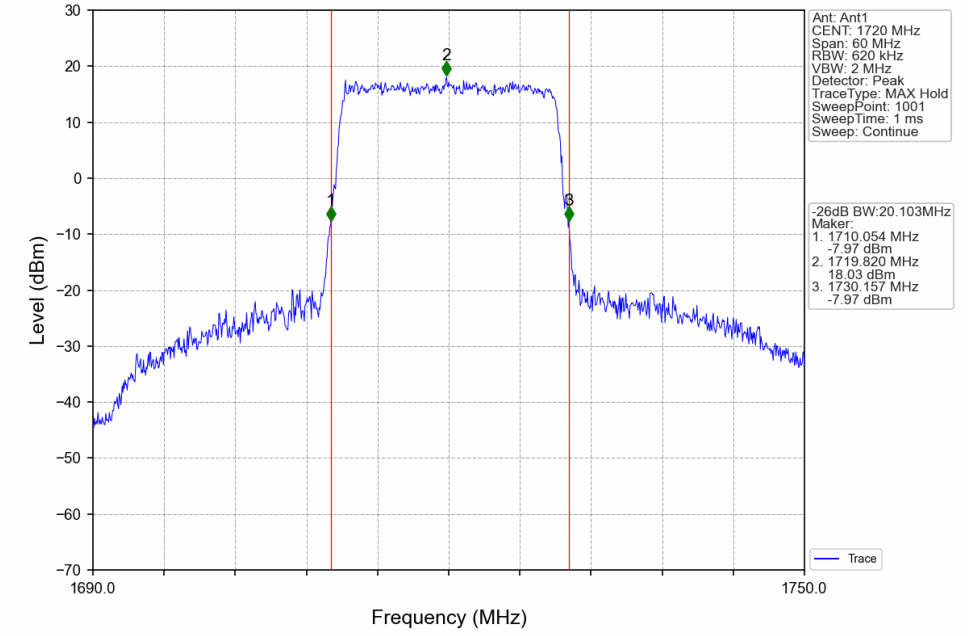
Band66_20MHz_QPSK_MCH_1745MHz_RB_100_0_NTNV



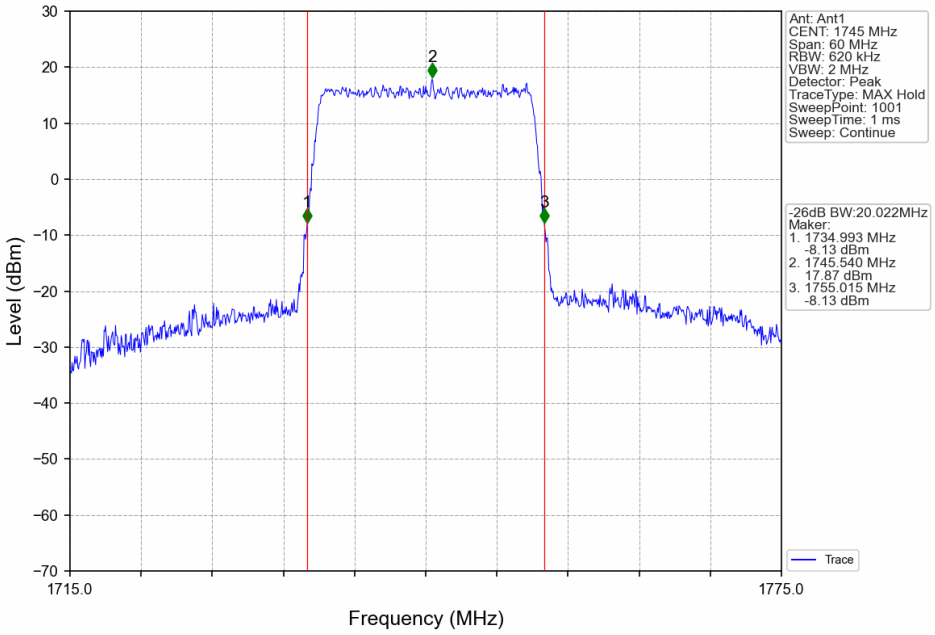
Band66_20MHz_QPSK_HCH_1770MHz_RB_100_0_NTNV



Band66_20MHz_16QAM_LCH_1720MHz_RB_100_0_NTNV



Band66_20MHz_16QAM_MCH_1745MHz_RB_100_0_NTNV



Band66_20MHz_16QAM_HCH_1770MHz_RB_100_0_NTNV