

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 B66_1.4MHz_EIRP

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	23.14	2.17	25.31	<=30	Pass
			2	23.18	2.17	25.35	<=30	Pass
			5	23.15	2.17	25.32	<=30	Pass
		3	0	23.21	2.17	25.38	<=30	Pass
			2	23.21	2.17	25.38	<=30	Pass
			3	23.13	2.17	25.30	<=30	Pass
		6	0	22.11	2.17	24.28	<=30	Pass
	1745	1	0	23.05	2.17	25.22	<=30	Pass
			2	23.04	2.17	25.21	<=30	Pass
			5	23.07	2.17	25.24	<=30	Pass
		3	0	22.95	2.17	25.12	<=30	Pass
			2	22.96	2.17	25.13	<=30	Pass
			3	23.10	2.17	25.27	<=30	Pass
	1779.3	1	0	22.01	2.17	24.18	<=30	Pass
			0	23.04	2.17	25.21	<=30	Pass
			2	23.04	2.17	25.21	<=30	Pass
		3	5	22.91	2.17	25.08	<=30	Pass
			0	22.85	2.17	25.02	<=30	Pass
			2	22.89	2.17	25.06	<=30	Pass
		3	22.83	2.17	25.00	<=30	Pass	
	6	0	21.92	2.17	24.09	<=30	Pass	
16QAM	1710.7	1	0	22.16	2.17	24.33	<=30	Pass
			2	22.24	2.17	24.41	<=30	Pass
			5	22.19	2.17	24.36	<=30	Pass
		3	0	22.14	2.17	24.31	<=30	Pass
			2	22.27	2.17	24.44	<=30	Pass
			3	22.23	2.17	24.40	<=30	Pass
		6	0	21.27	2.17	23.44	<=30	Pass
	1745	1	0	22.04	2.17	24.21	<=30	Pass
			2	22.14	2.17	24.31	<=30	Pass
			5	22.10	2.17	24.27	<=30	Pass
		3	0	21.86	2.17	24.03	<=30	Pass
			2	21.88	2.17	24.05	<=30	Pass
	3	21.90	2.17	24.07	<=30	Pass		
	6	0	21.12	2.17	23.29	<=30	Pass	
	1779.3	1	0	21.77	2.17	23.94	<=30	Pass
			2	21.76	2.17	23.93	<=30	Pass
			5	21.72	2.17	23.89	<=30	Pass
		3	0	21.96	2.17	24.13	<=30	Pass
2			21.93	2.17	24.10	<=30	Pass	
3			21.87	2.17	24.04	<=30	Pass	
6		0	20.91	2.17	23.08	<=30	Pass	
Note1: EIRP=Conducted Power+Antenna Gain								

1.1.2 B66_3MHz_EIRP

Band: 66 / Bandwidth: 3MHz / NTV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1711.5	1	0	23.09	2.17	25.26	<=30	Pass
			7	23.23	2.17	25.40	<=30	Pass
			14	23.00	2.17	25.17	<=30	Pass
		8	0	22.05	2.17	24.22	<=30	Pass
			4	22.22	2.17	24.39	<=30	Pass
			7	22.17	2.17	24.34	<=30	Pass
		15	0	22.14	2.17	24.31	<=30	Pass
	1745	1	0	22.88	2.17	25.05	<=30	Pass
			7	23.01	2.17	25.18	<=30	Pass
			14	23.03	2.17	25.20	<=30	Pass
		8	0	21.93	2.17	24.10	<=30	Pass
			4	22.00	2.17	24.17	<=30	Pass
		7	22.01	2.17	24.18	<=30	Pass	
	15	0	21.94	2.17	24.11	<=30	Pass	
	1778.5	1	0	22.75	2.17	24.92	<=30	Pass
			7	22.82	2.17	24.99	<=30	Pass
			14	22.54	2.17	24.71	<=30	Pass
		8	0	21.87	2.17	24.04	<=30	Pass
			4	21.86	2.17	24.03	<=30	Pass
			7	21.79	2.17	23.96	<=30	Pass
		15	0	21.81	2.17	23.98	<=30	Pass
16QAM		1711.5	1	0	22.35	2.17	24.52	<=30
	7			22.52	2.17	24.69	<=30	Pass
	14			22.32	2.17	24.49	<=30	Pass
	8		0	21.21	2.17	23.38	<=30	Pass
			4	21.28	2.17	23.45	<=30	Pass
			7	21.22	2.17	23.39	<=30	Pass
	15		0	21.11	2.17	23.28	<=30	Pass
	1745	1	0	21.87	2.17	24.04	<=30	Pass
			7	22.04	2.17	24.21	<=30	Pass
			14	21.99	2.17	24.16	<=30	Pass
		8	0	21.11	2.17	23.28	<=30	Pass
			4	21.15	2.17	23.32	<=30	Pass
	7	21.18	2.17	23.35	<=30	Pass		
	15	0	21.07	2.17	23.24	<=30	Pass	
	1778.5	1	0	21.65	2.17	23.82	<=30	Pass
			7	21.76	2.17	23.93	<=30	Pass
			14	21.49	2.17	23.66	<=30	Pass
		8	0	20.98	2.17	23.15	<=30	Pass
4			20.99	2.17	23.16	<=30	Pass	
7			20.89	2.17	23.06	<=30	Pass	
15		0	20.95	2.17	23.12	<=30	Pass	
Note1: EIRP=Conducted Power+Antenna Gain								

1.1.3 B66_5MHz_EIRP

Band: 66 / Bandwidth: 5MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1712.5	1	0	23.18	2.17	25.35	<=30	Pass
			13	23.16	2.17	25.33	<=30	Pass
			24	23.09	2.17	25.26	<=30	Pass
		12	0	22.14	2.17	24.31	<=30	Pass
			6	22.07	2.17	24.24	<=30	Pass
			13	22.07	2.17	24.24	<=30	Pass
		25	0	22.06	2.17	24.23	<=30	Pass
	1745	1	0	23.01	2.17	25.18	<=30	Pass
			13	23.06	2.17	25.23	<=30	Pass
			24	23.27	2.17	25.44	<=30	Pass
		12	0	21.91	2.17	24.08	<=30	Pass
			6	21.96	2.17	24.13	<=30	Pass
			13	22.08	2.17	24.25	<=30	Pass
		25	0	21.99	2.17	24.16	<=30	Pass
	1777.5	1	0	22.87	2.17	25.04	<=30	Pass
			13	22.77	2.17	24.94	<=30	Pass
			24	22.67	2.17	24.84	<=30	Pass
		12	0	21.97	2.17	24.14	<=30	Pass
			6	21.94	2.17	24.11	<=30	Pass
			13	21.80	2.17	23.97	<=30	Pass
		25	0	21.93	2.17	24.10	<=30	Pass
16QAM	1712.5	1	0	22.35	2.17	24.52	<=30	Pass
			13	22.34	2.17	24.51	<=30	Pass
			24	22.32	2.17	24.49	<=30	Pass
		12	0	21.24	2.17	23.41	<=30	Pass
			6	21.19	2.17	23.36	<=30	Pass
			13	21.21	2.17	23.38	<=30	Pass
		25	0	21.22	2.17	23.39	<=30	Pass
	1745	1	0	22.06	2.17	24.23	<=30	Pass
			13	22.15	2.17	24.32	<=30	Pass
			24	22.45	2.17	24.62	<=30	Pass
		12	0	21.10	2.17	23.27	<=30	Pass
			6	21.14	2.17	23.31	<=30	Pass
	25	0	21.18	2.17	23.35	<=30	Pass	
	1777.5	1	0	22.07	2.17	24.24	<=30	Pass
			13	22.09	2.17	24.26	<=30	Pass
			24	22.08	2.17	24.25	<=30	Pass
		12	0	21.10	2.17	23.27	<=30	Pass
			6	20.91	2.17	23.08	<=30	Pass
25		0	20.86	2.17	23.03	<=30	Pass	
25	0	20.96	2.17	23.13	<=30	Pass		
Note1: EIRP=Conducted Power+Antenna Gain								

1.1.4 B66_10MHz_EIRP

Band: 66 / Bandwidth: 10MHz / NTVN								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1715	1	0	23.18	2.17	25.35	<=30	Pass
			25	23.00	2.17	25.17	<=30	Pass
			49	22.90	2.17	25.07	<=30	Pass
		25	0	22.07	2.17	24.24	<=30	Pass
			13	22.00	2.17	24.17	<=30	Pass
			25	21.88	2.17	24.05	<=30	Pass
		50	0	21.96	2.17	24.13	<=30	Pass
	1745	1	0	23.05	2.17	25.22	<=30	Pass
			25	23.13	2.17	25.30	<=30	Pass
			49	23.29	2.17	25.46	<=30	Pass
		25	0	22.03	2.17	24.20	<=30	Pass
			13	22.11	2.17	24.28	<=30	Pass
			25	22.24	2.17	24.41	<=30	Pass
	50	0	22.13	2.17	24.30	<=30	Pass	
	1775	1	0	22.98	2.17	25.15	<=30	Pass
			25	22.99	2.17	25.16	<=30	Pass
			49	22.83	2.17	25.00	<=30	Pass
		25	0	22.09	2.17	24.26	<=30	Pass
			13	22.10	2.17	24.27	<=30	Pass
			25	22.01	2.17	24.18	<=30	Pass
		50	0	22.06	2.17	24.23	<=30	Pass
16QAM		1715	1	0	22.43	2.17	24.60	<=30
	25			22.32	2.17	24.49	<=30	Pass
	49			22.13	2.17	24.30	<=30	Pass
	12		0	22.18	2.17	24.35	<=30	Pass
			19	22.08	2.17	24.25	<=30	Pass
			38	21.95	2.17	24.12	<=30	Pass
	27		0	21.12	2.17	23.29	<=30	Pass
	1745	1	0	22.03	2.17	24.20	<=30	Pass
			25	22.13	2.17	24.30	<=30	Pass
			49	22.30	2.17	24.47	<=30	Pass
		12	0	21.98	2.17	24.15	<=30	Pass
			19	22.07	2.17	24.24	<=30	Pass
			38	22.26	2.17	24.43	<=30	Pass
	27	0	21.24	2.17	23.41	<=30	Pass	
	1775	1	0	21.91	2.17	24.08	<=30	Pass
			25	21.95	2.17	24.12	<=30	Pass
			49	21.79	2.17	23.96	<=30	Pass
		12	0	22.14	2.17	24.31	<=30	Pass
			19	22.16	2.17	24.33	<=30	Pass
			38	22.05	2.17	24.22	<=30	Pass
		27	23	21.13	2.17	23.30	<=30	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.1.5 B66_15MHz_EIRP

Band: 66 / Bandwidth: 15MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1717.5	1	0	23.22	2.17	25.39	<=30	Pass
			38	23.08	2.17	25.25	<=30	Pass
			74	22.92	2.17	25.09	<=30	Pass
		36	0	22.33	2.17	24.50	<=30	Pass
			18	22.22	2.17	24.39	<=30	Pass
			39	22.06	2.17	24.23	<=30	Pass
		75	0	22.13	2.17	24.30	<=30	Pass
	1745	1	0	23.05	2.17	25.22	<=30	Pass
			38	23.29	2.17	25.46	<=30	Pass
			74	23.53	2.17	25.70	<=30	Pass
		36	0	22.14	2.17	24.31	<=30	Pass
			18	22.26	2.17	24.43	<=30	Pass
			39	22.41	2.17	24.58	<=30	Pass
	75	0	22.24	2.17	24.41	<=30	Pass	
	1772.5	1	0	23.55	2.17	25.72	<=30	Pass
			38	23.23	2.17	25.40	<=30	Pass
			74	23.07	2.17	25.24	<=30	Pass
		36	0	22.52	2.17	24.69	<=30	Pass
			18	22.35	2.17	24.52	<=30	Pass
			39	22.25	2.17	24.42	<=30	Pass
		75	0	22.34	2.17	24.51	<=30	Pass
16QAM	1717.5	1	0	22.41	2.17	24.58	<=30	Pass
			38	22.22	2.17	24.39	<=30	Pass
			74	22.03	2.17	24.20	<=30	Pass
		12	0	22.24	2.17	24.41	<=30	Pass
			31	22.05	2.17	24.22	<=30	Pass
			63	21.86	2.17	24.03	<=30	Pass
		27	0	21.27	2.17	23.44	<=30	Pass
	1745	1	0	22.00	2.17	24.17	<=30	Pass
			38	22.41	2.17	24.58	<=30	Pass
			74	22.71	2.17	24.88	<=30	Pass
		12	0	22.02	2.17	24.19	<=30	Pass
			31	22.24	2.17	24.41	<=30	Pass
			63	22.51	2.17	24.68	<=30	Pass
	27	0	21.18	2.17	23.35	<=30	Pass	
	1772.5	1	0	22.71	2.17	24.88	<=30	Pass
			38	22.35	2.17	24.52	<=30	Pass
			74	22.26	2.17	24.43	<=30	Pass
		12	0	22.61	2.17	24.78	<=30	Pass
31			22.24	2.17	24.41	<=30	Pass	
63			22.11	2.17	24.28	<=30	Pass	
27		48	21.20	2.17	23.37	<=30	Pass	
Note1: EIRP=Conducted Power+Antenna Gain								

1.1.6 B66_20MHz_EIRP

Band: 66 / Bandwidth: 20MHz / NTV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1720	1	0	23.19	2.17	25.36	<=30	Pass
			50	23.07	2.17	25.24	<=30	Pass
			99	22.95	2.17	25.12	<=30	Pass
		50	0	22.12	2.17	24.29	<=30	Pass
			25	22.05	2.17	24.22	<=30	Pass
			50	21.93	2.17	24.10	<=30	Pass
		100	0	22.03	2.17	24.20	<=30	Pass
	1745	1	0	23.22	2.17	25.39	<=30	Pass
			50	23.46	2.17	25.63	<=30	Pass
			99	23.73	2.17	25.90	<=30	Pass
		50	0	22.12	2.17	24.29	<=30	Pass
			25	22.42	2.17	24.59	<=30	Pass
			50	22.60	2.17	24.77	<=30	Pass
		100	0	22.40	2.17	24.57	<=30	Pass
	1770	1	0	23.38	2.17	25.55	<=30	Pass
			50	23.37	2.17	25.54	<=30	Pass
			99	23.09	2.17	25.26	<=30	Pass
		50	0	22.67	2.17	24.84	<=30	Pass
			25	22.49	2.17	24.66	<=30	Pass
			50	22.29	2.17	24.46	<=30	Pass
		100	0	22.42	2.17	24.59	<=30	Pass
16QAM	1720	1	0	22.50	2.17	24.67	<=30	Pass
			50	22.27	2.17	24.44	<=30	Pass
			99	22.20	2.17	24.37	<=30	Pass
		12	0	22.32	2.17	24.49	<=30	Pass
			44	22.04	2.17	24.21	<=30	Pass
			88	22.01	2.17	24.18	<=30	Pass
		27	0	21.35	2.17	23.52	<=30	Pass
	1745	1	0	22.51	2.17	24.68	<=30	Pass
			50	22.71	2.17	24.88	<=30	Pass
			99	23.02	2.17	25.19	<=30	Pass
		12	0	22.07	2.17	24.24	<=30	Pass
			44	22.25	2.17	24.42	<=30	Pass
			88	22.60	2.17	24.77	<=30	Pass
		27	0	21.25	2.17	23.42	<=30	Pass
	1770	1	0	22.64	2.17	24.81	<=30	Pass
			50	22.66	2.17	24.83	<=30	Pass
			99	22.29	2.17	24.46	<=30	Pass
		12	0	22.54	2.17	24.71	<=30	Pass
			44	22.38	2.17	24.55	<=30	Pass
			88	22.15	2.17	24.32	<=30	Pass
		27	73	21.28	2.17	23.45	<=30	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

2. Frequency Stability

2.1 Test Result

2.1.1 B66_20MHz

Band: 66 / Bandwidth: 20MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1720	100	0	20	3.40	-4.206	-0.0024	-2.5 to 2.5	Pass
					3.80	-2.775	-0.0016	-2.5 to 2.5	Pass
					4.20	-1.531	-0.0009	-2.5 to 2.5	Pass
				-30	3.80	-2.646	-0.0015	-2.5 to 2.5	Pass
				-20	3.80	-1.731	-0.0010	-2.5 to 2.5	Pass
				-10	3.80	-0.558	-0.0003	-2.5 to 2.5	Pass
				0	3.80	-1.960	-0.0011	-2.5 to 2.5	Pass
				10	3.80	-0.715	-0.0004	-2.5 to 2.5	Pass
				30	3.80	-0.572	-0.0003	-2.5 to 2.5	Pass
				40	3.80	-0.730	-0.0004	-2.5 to 2.5	Pass
				50	3.80	-1.488	-0.0009	-2.5 to 2.5	Pass
	1745	100	0	20	3.40	-2.947	-0.0017	-2.5 to 2.5	Pass
					3.80	-2.804	-0.0016	-2.5 to 2.5	Pass
					4.20	-2.403	-0.0014	-2.5 to 2.5	Pass
				-30	3.80	-1.831	-0.0010	-2.5 to 2.5	Pass
				-20	3.80	-0.730	-0.0004	-2.5 to 2.5	Pass
				-10	3.80	-1.760	-0.0010	-2.5 to 2.5	Pass
				0	3.80	0.157	0.0001	-2.5 to 2.5	Pass
				10	3.80	-1.259	-0.0007	-2.5 to 2.5	Pass
				30	3.80	-0.687	-0.0004	-2.5 to 2.5	Pass
				40	3.80	-0.057	0.0000	-2.5 to 2.5	Pass
				50	3.80	-0.858	-0.0005	-2.5 to 2.5	Pass
	1770	100	0	20	3.40	-4.463	-0.0025	-2.5 to 2.5	Pass
					3.80	-2.418	-0.0014	-2.5 to 2.5	Pass
					4.20	-2.217	-0.0013	-2.5 to 2.5	Pass
				-30	3.80	-2.060	-0.0012	-2.5 to 2.5	Pass
				-20	3.80	-2.160	-0.0012	-2.5 to 2.5	Pass
				-10	3.80	-0.801	-0.0005	-2.5 to 2.5	Pass
				0	3.80	-1.159	-0.0007	-2.5 to 2.5	Pass
				10	3.80	-0.830	-0.0005	-2.5 to 2.5	Pass
				30	3.80	-0.601	-0.0003	-2.5 to 2.5	Pass
				40	3.80	-0.801	-0.0005	-2.5 to 2.5	Pass
				50	3.80	0.300	0.0002	-2.5 to 2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 Band66_OBW

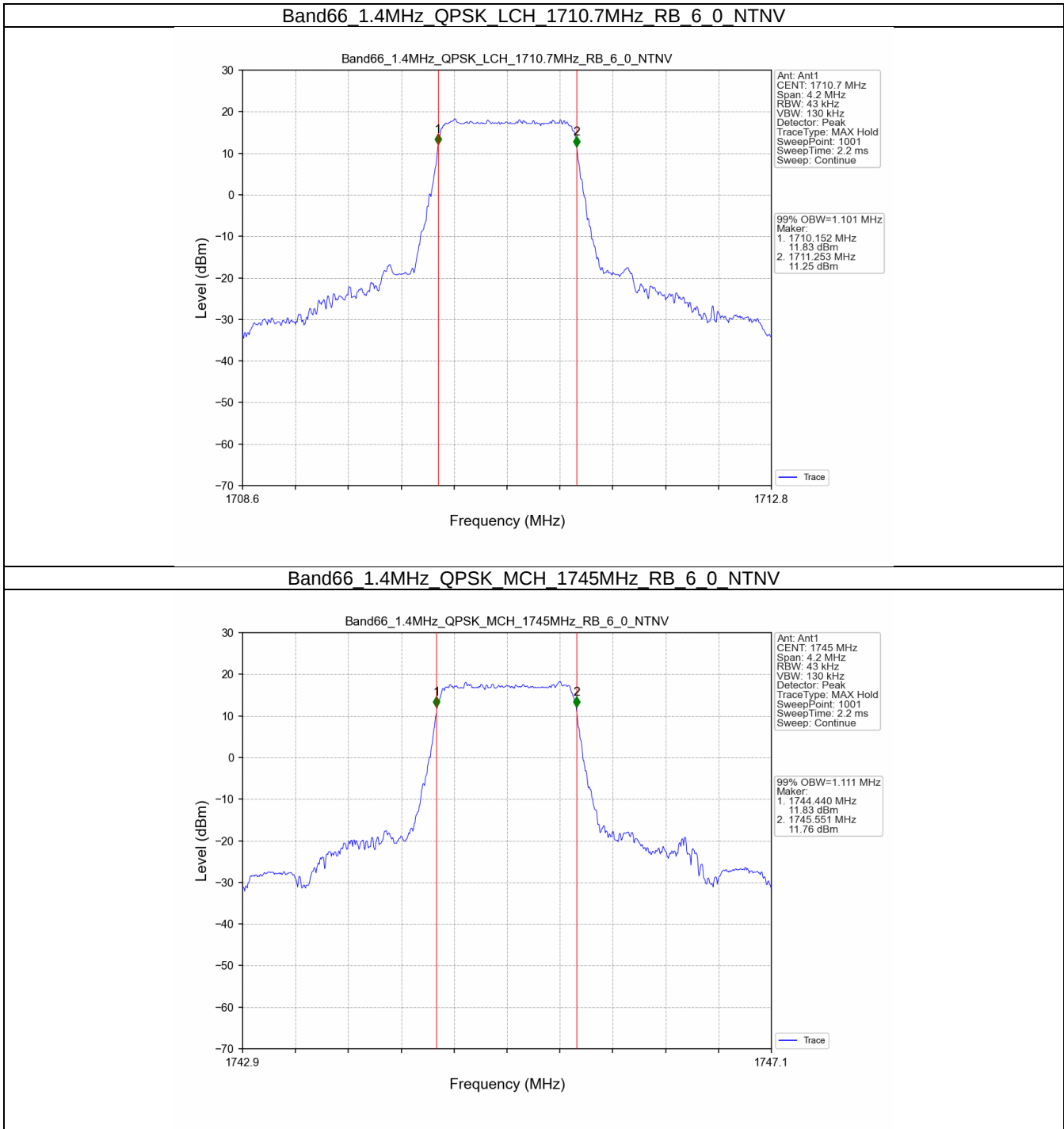
Band: 66 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1710.7	6	0	1.101	/	Pass
		1745	6	0	1.111	/	Pass
		1779.3	6	0	1.111	/	Pass
	16QAM	1710.7	6	0	1.110	/	Pass
		1745	6	0	1.120	/	Pass
		1779.3	6	0	1.113	/	Pass
3	QPSK	1711.5	15	0	2.731	/	Pass
		1745	15	0	2.748	/	Pass
		1778.5	15	0	2.739	/	Pass
	16QAM	1711.5	15	0	2.737	/	Pass
		1745	15	0	2.730	/	Pass
		1778.5	15	0	2.747	/	Pass
5	QPSK	1712.5	25	0	4.599	/	Pass
		1745	25	0	4.571	/	Pass
		1777.5	25	0	4.572	/	Pass
	16QAM	1712.5	25	0	4.559	/	Pass
		1745	25	0	4.579	/	Pass
		1777.5	25	0	4.553	/	Pass
10	QPSK	1715	50	0	9.050	/	Pass
		1745	50	0	9.091	/	Pass
		1775	50	0	9.048	/	Pass
	16QAM	1715	27	0	5.147	/	Pass
		1745	27	0	5.127	/	Pass
		1775	27	23	5.188	/	Pass
15	QPSK	1717.5	75	0	13.648	/	Pass
		1745	75	0	13.649	/	Pass
		1772.5	75	0	13.650	/	Pass
	16QAM	1717.5	27	0	5.398	/	Pass
		1745	27	0	5.393	/	Pass
		1772.5	27	48	5.414	/	Pass
20	QPSK	1720	100	0	18.107	/	Pass
		1745	100	0	18.171	/	Pass
		1770	100	0	18.193	/	Pass
	16QAM	1720	27	0	5.648	/	Pass
		1745	27	0	5.723	/	Pass
		1770	27	73	5.756	/	Pass

3.1.2 Band66_XDB

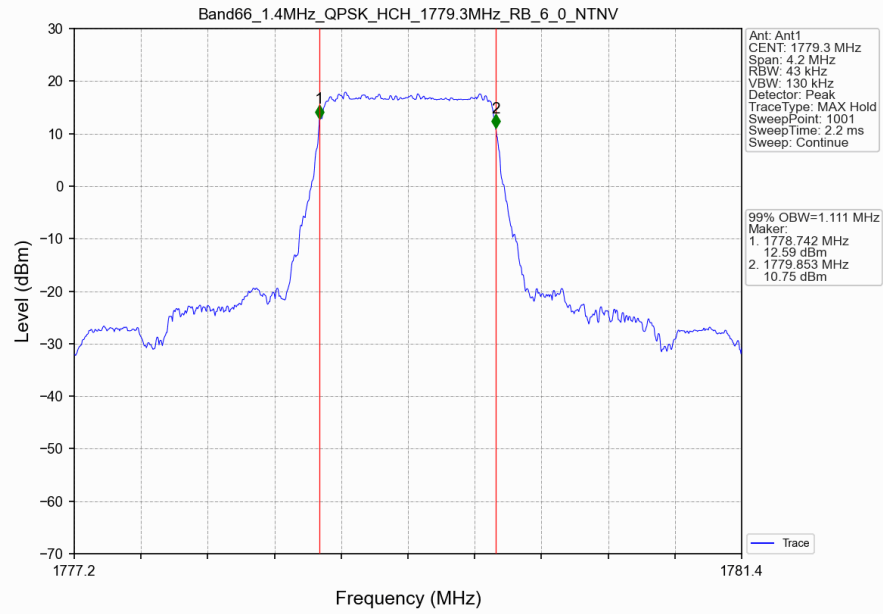
Band: 66 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1710.7	6	0	1.320	/	Pass
		1745	6	0	1.341	/	Pass
		1779.3	6	0	1.332	/	Pass
	16QAM	1710.7	6	0	1.351	/	Pass
		1745	6	0	1.329	/	Pass
		1779.3	6	0	1.307	/	Pass
3	QPSK	1711.5	15	0	3.053	/	Pass
		1745	15	0	3.055	/	Pass
		1778.5	15	0	3.052	/	Pass
	16QAM	1711.5	15	0	3.045	/	Pass
		1745	15	0	3.028	/	Pass
		1778.5	15	0	3.060	/	Pass
5	QPSK	1712.5	25	0	5.641	/	Pass
		1745	25	0	5.519	/	Pass
		1777.5	25	0	5.391	/	Pass
	16QAM	1712.5	25	0	5.691	/	Pass
		1745	25	0	5.296	/	Pass
		1777.5	25	0	5.417	/	Pass
10	QPSK	1715	50	0	10.366	/	Pass
		1745	50	0	10.445	/	Pass
		1775	50	0	10.304	/	Pass
	16QAM	1715	27	0	6.305	/	Pass
		1745	27	0	6.976	/	Pass
		1775	27	23	6.573	/	Pass
15	QPSK	1717.5	75	0	15.721	/	Pass
		1745	75	0	15.683	/	Pass
		1772.5	75	0	15.528	/	Pass
	16QAM	1717.5	27	0	7.348	/	Pass
		1745	27	0	7.180	/	Pass
		1772.5	27	48	7.183	/	Pass
20	QPSK	1720	100	0	20.378	/	Pass
		1745	100	0	20.402	/	Pass
		1770	100	0	20.385	/	Pass
	16QAM	1720	27	0	7.636	/	Pass
		1745	27	0	7.575	/	Pass
		1770	27	73	7.674	/	Pass

3.2 Test Graph

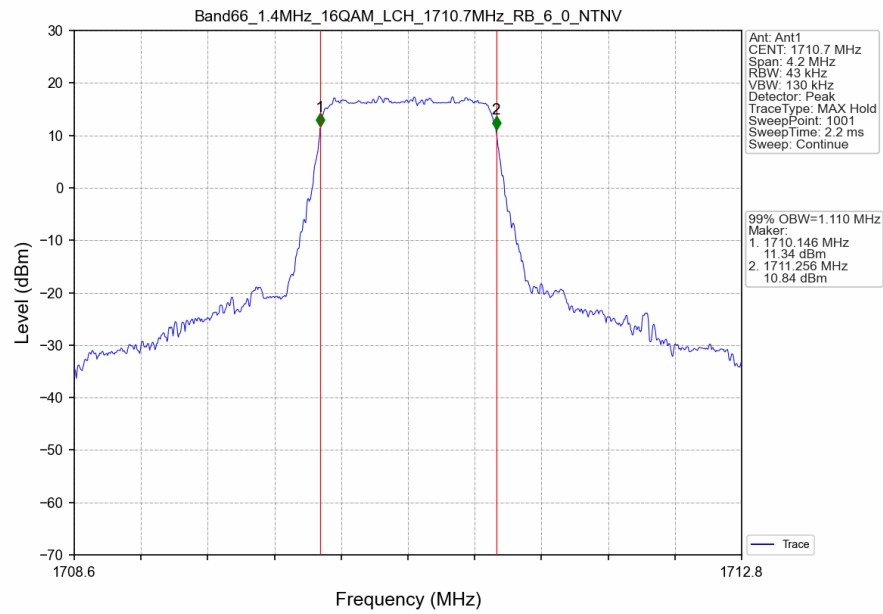
3.2.1 Band66_OBW



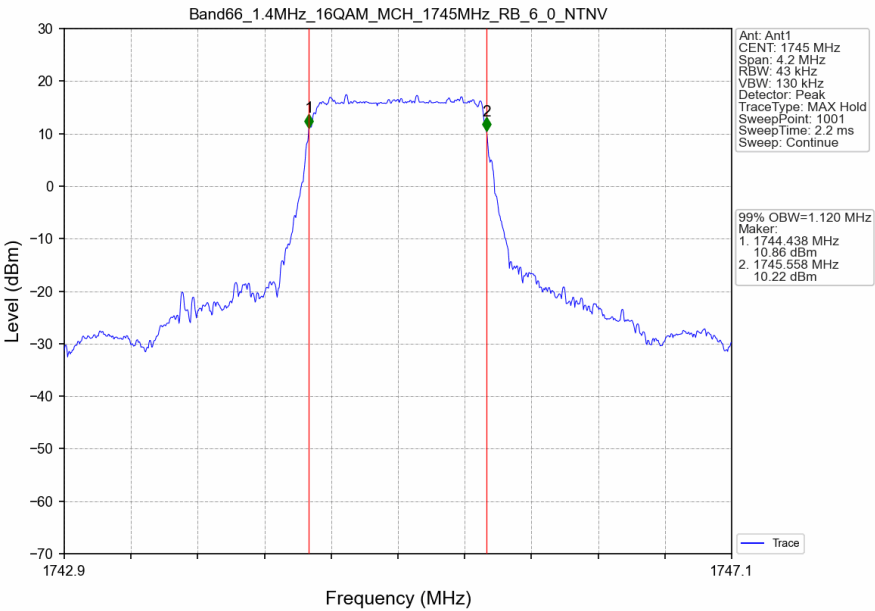
Band66 1.4MHz QPSK HCH 1779.3MHz RB 6 0 NTV



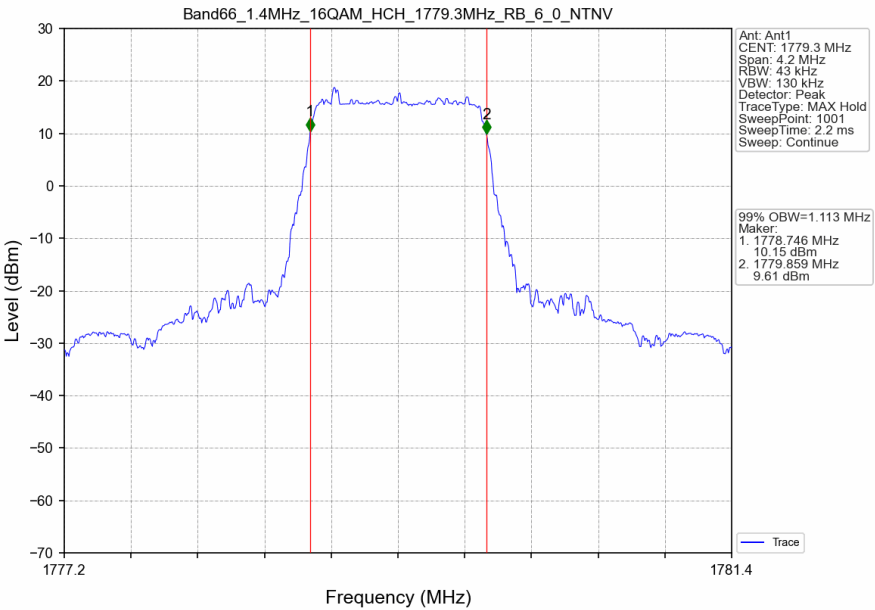
Band66 1.4MHz 16QAM LCH 1710.7MHz RB 6 0 NTV



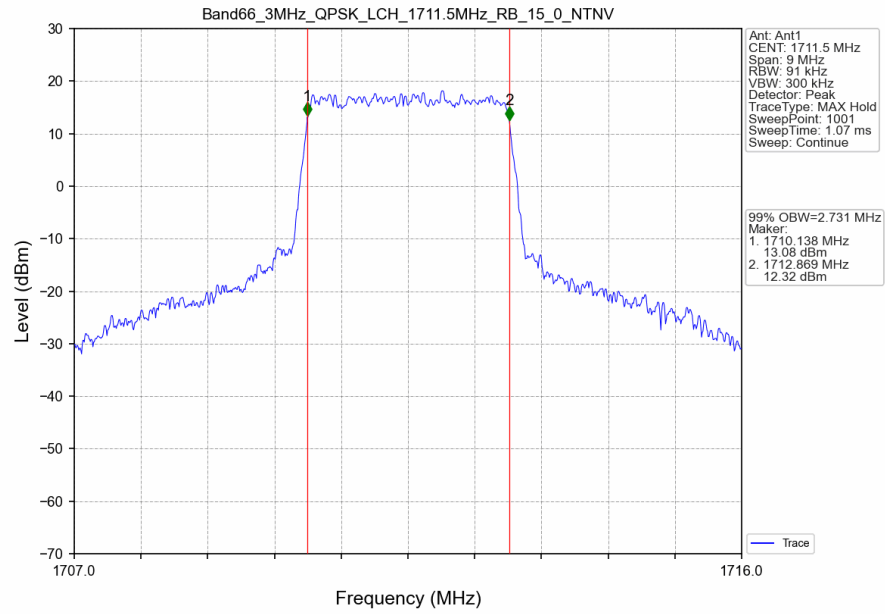
Band66 1.4MHz 16QAM MCH 1745MHz RB 6 0 NTV



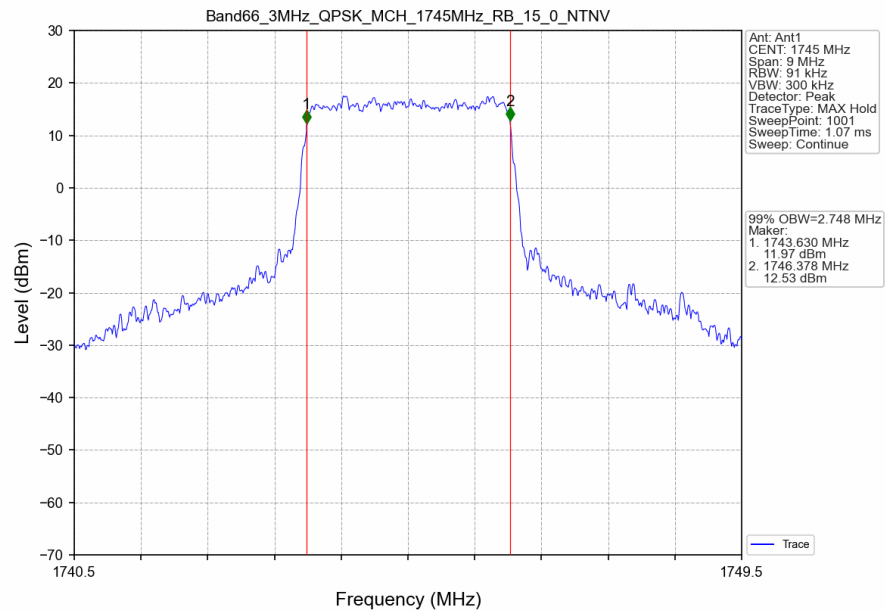
Band66 1.4MHz 16QAM HCH 1779.3MHz RB 6 0 NTV



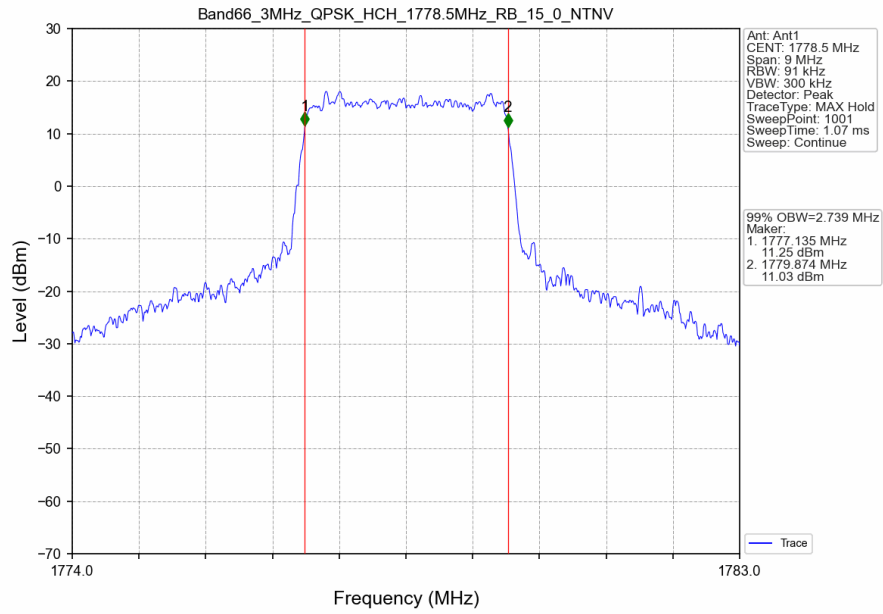
Band66_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV



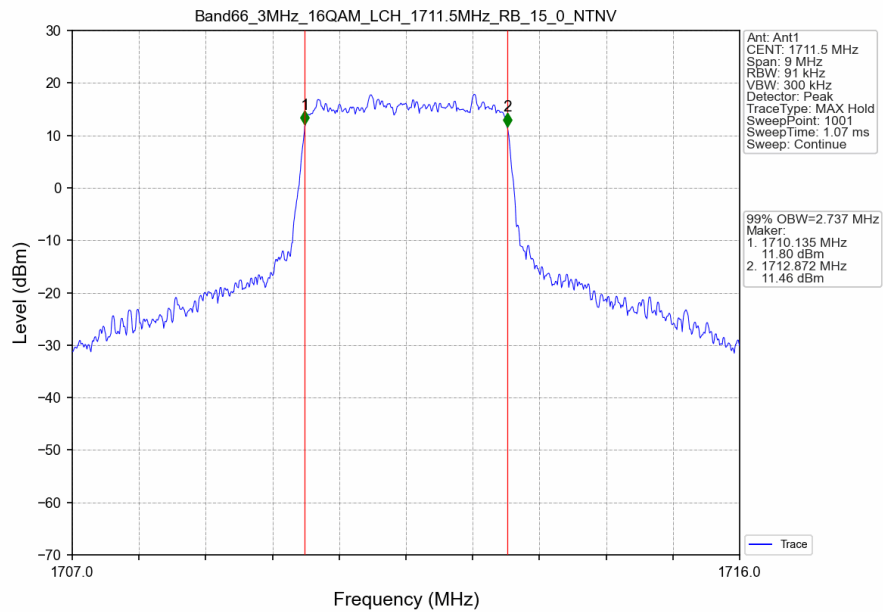
Band66_3MHz_QPSK_MCH_1745MHz_RB_15_0_NTNV



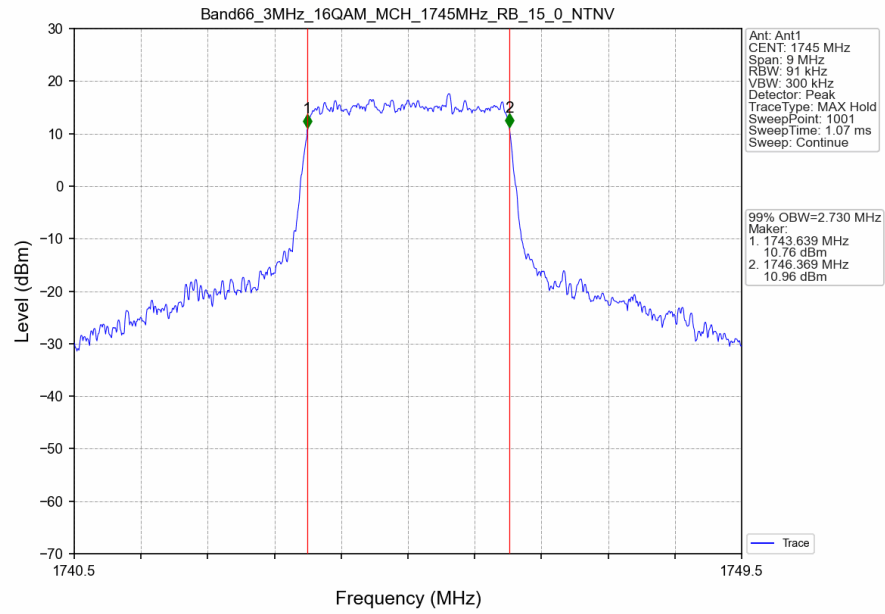
Band66_3MHz_QPSK_HCH_1778.5MHz_RB_15_0_NTNV



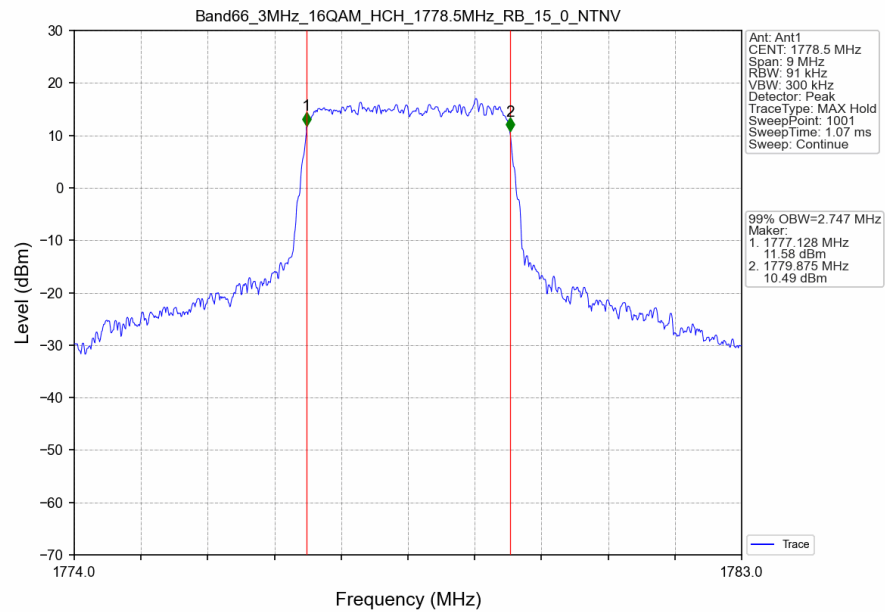
Band66_3MHz_16QAM_LCH_1711.5MHz_RB_15_0_NTNV



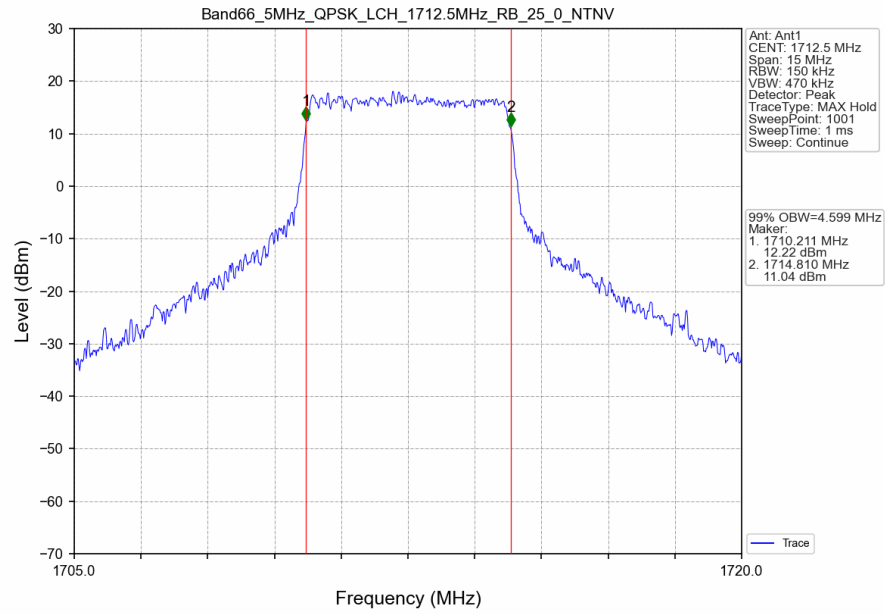
Band66_3MHz_16QAM_MCH_1745MHz_RB_15_0_NTNV



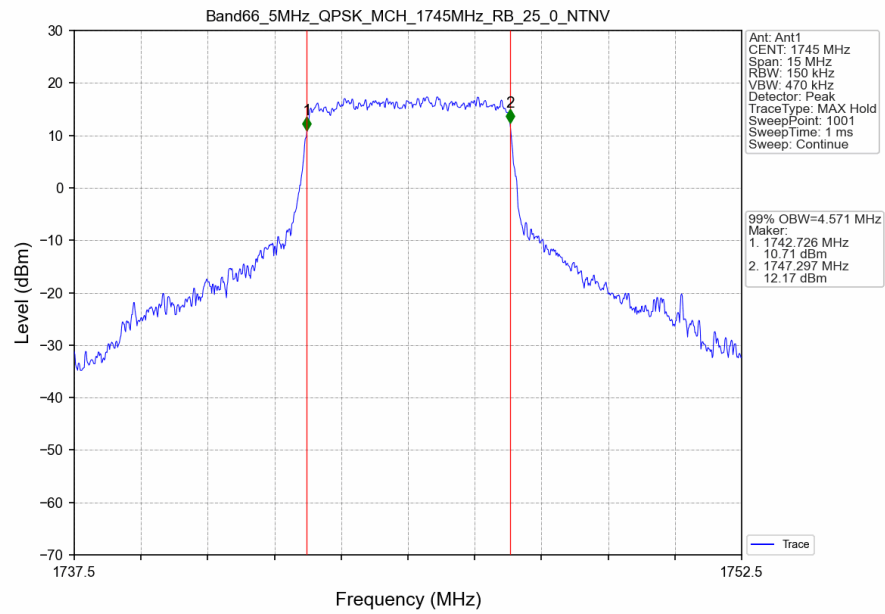
Band66_3MHz_16QAM_HCH_1778.5MHz_RB_15_0_NTNV



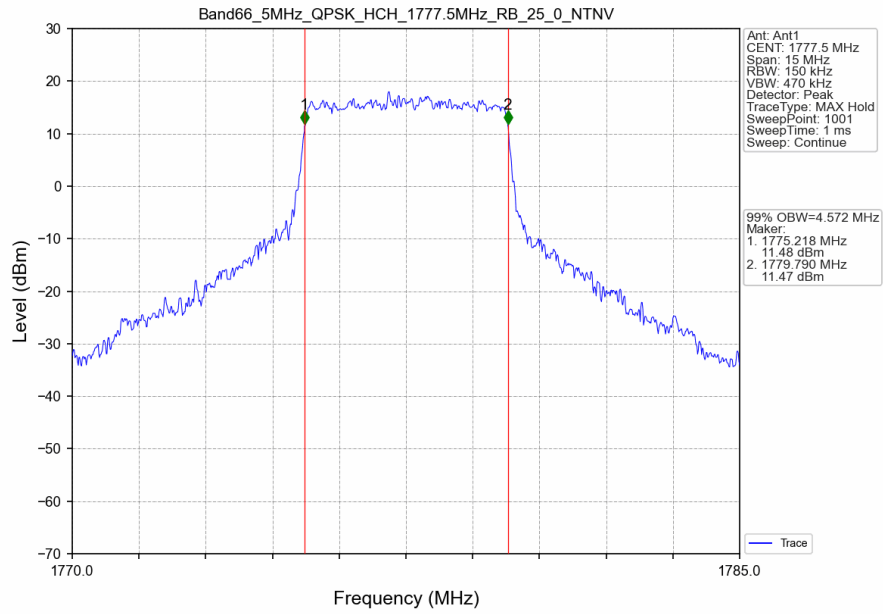
Band66_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV



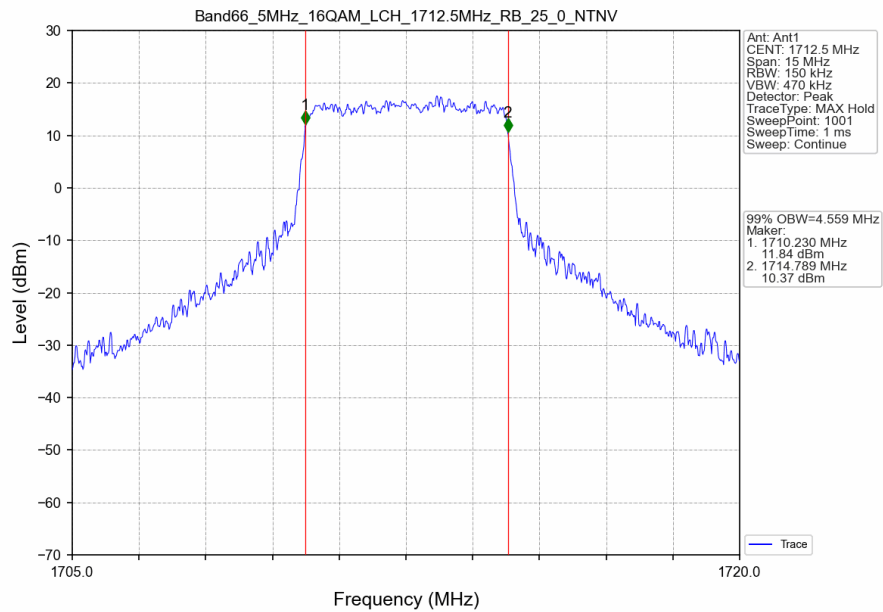
Band66_5MHz_QPSK_MCH_1745MHz_RB_25_0_NTNV



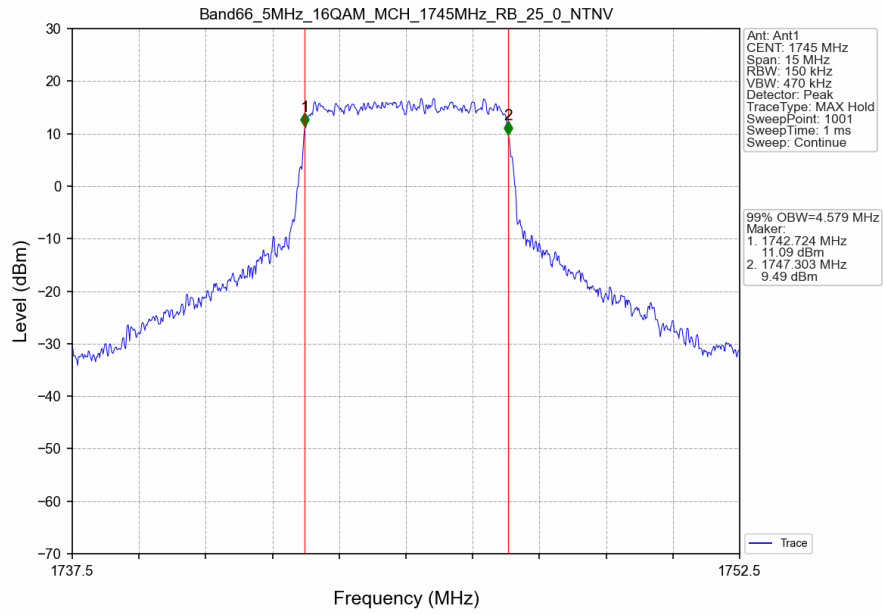
Band66_5MHz_QPSK_HCH_1777.5MHz_RB_25_0_NTNV



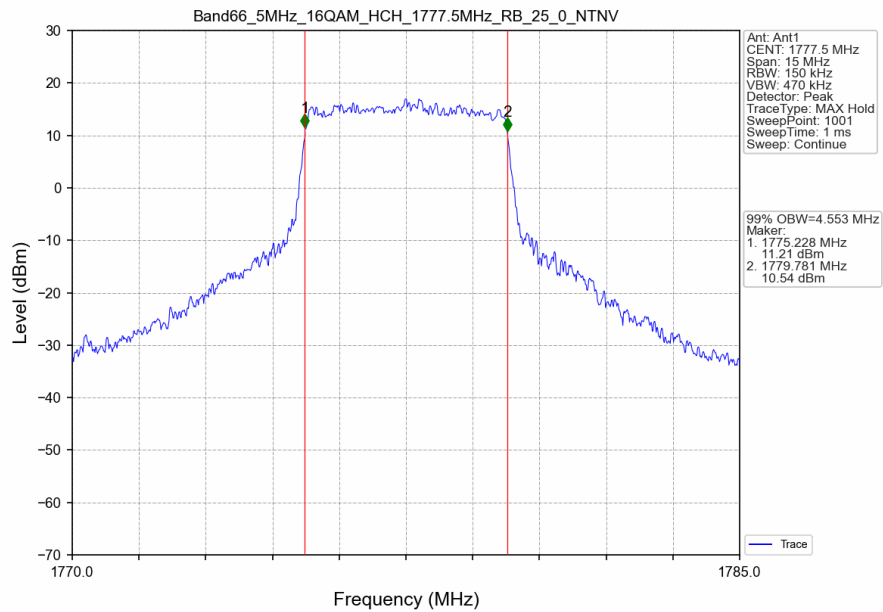
Band66_5MHz_16QAM_LCH_1712.5MHz_RB_25_0_NTNV



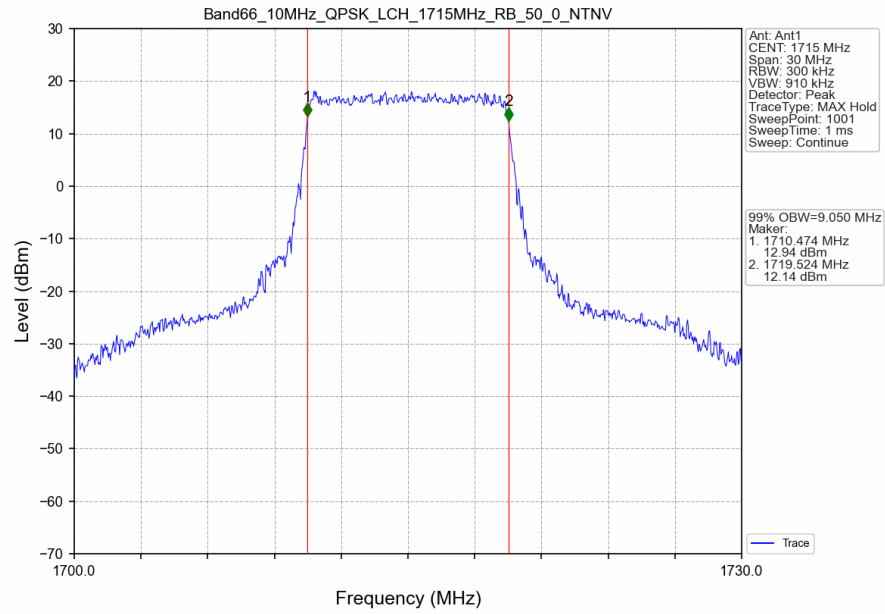
Band66_5MHz_16QAM_MCH_1745MHz_RB_25_0_NTNV



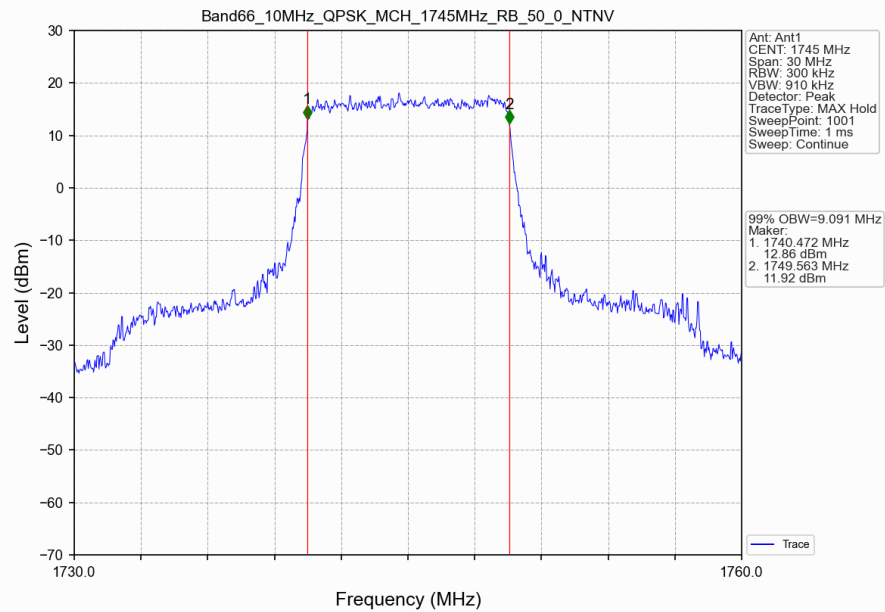
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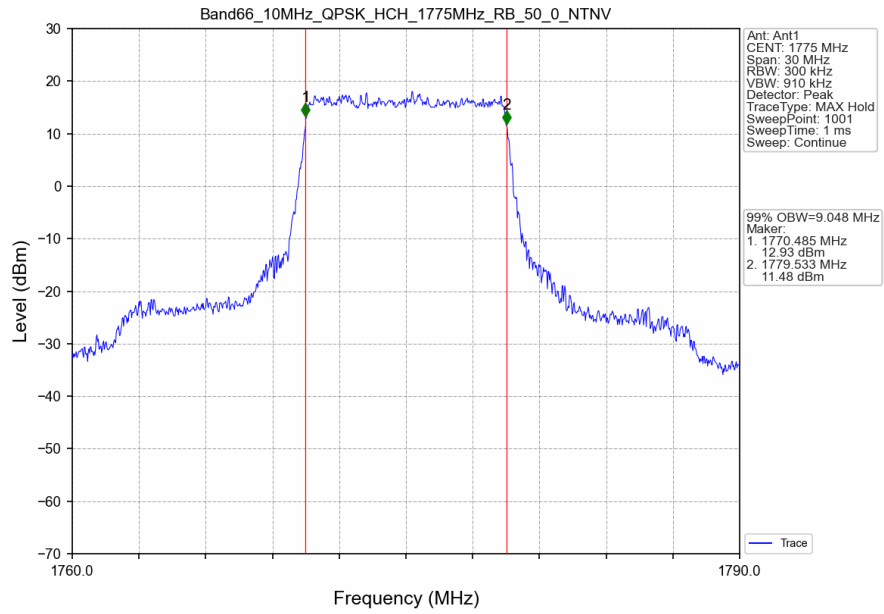
Band66_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV



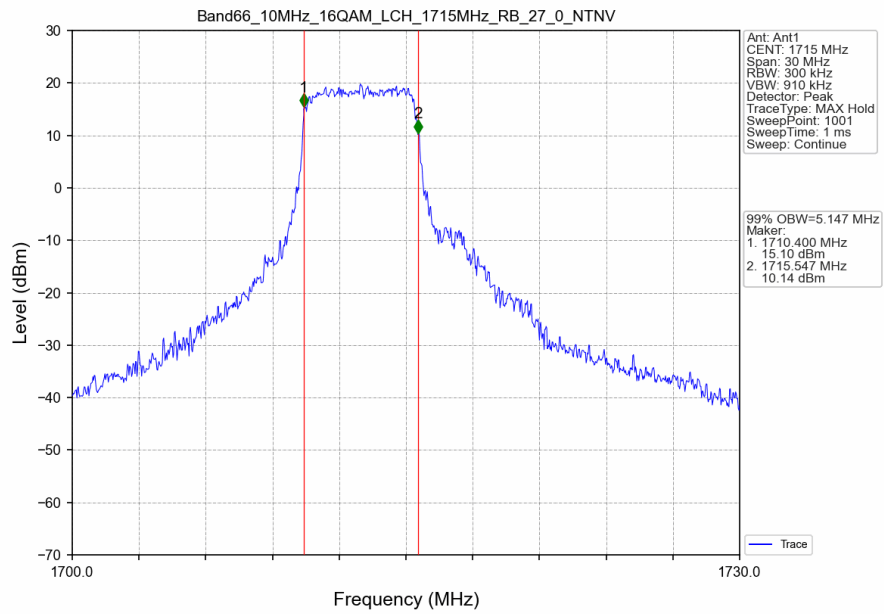
Band66_10MHz_QPSK_MCH_1745MHz_RB_50_0_NTNV



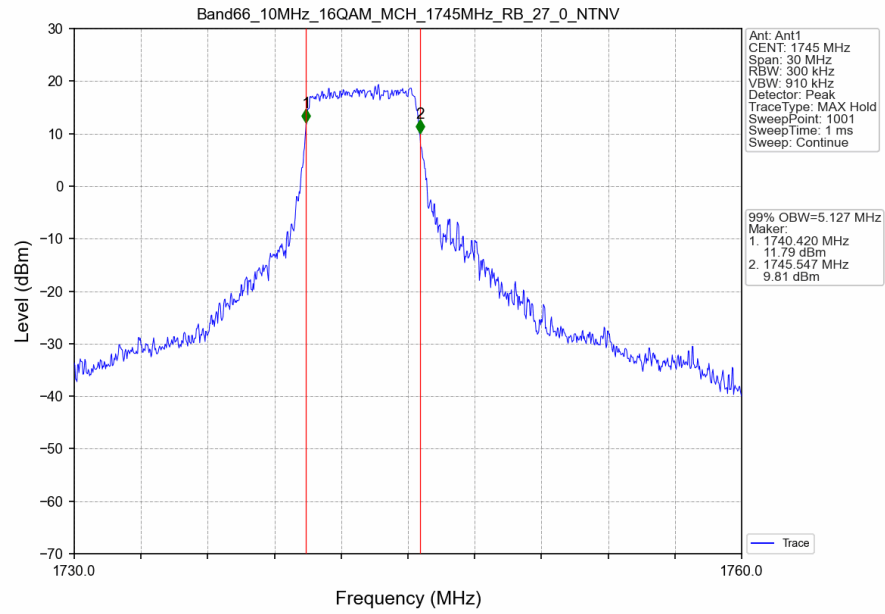
Band66_10MHz_QPSK_HCH_1775MHz_RB_50_0_NTNV



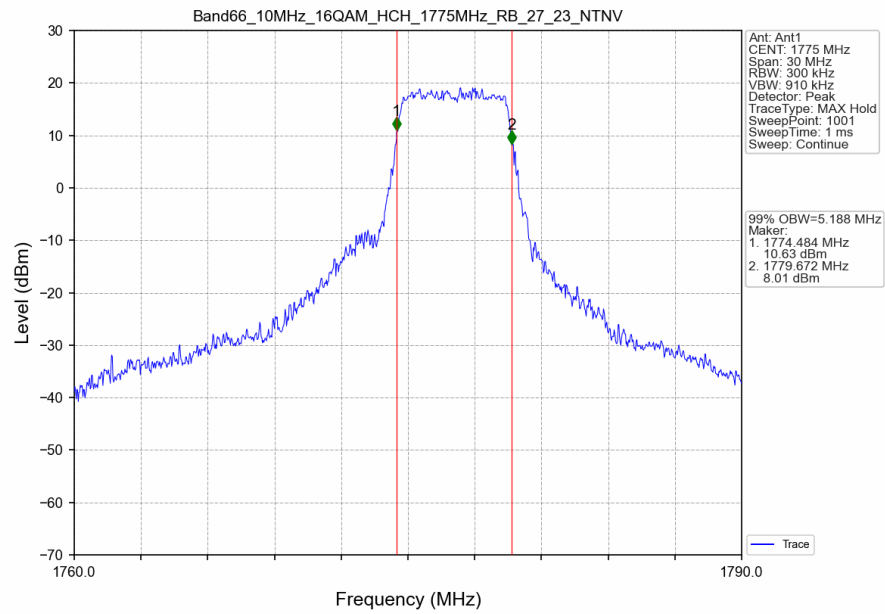
Band66_10MHz_16QAM_LCH_1715MHz_RB_27_0_NTNV



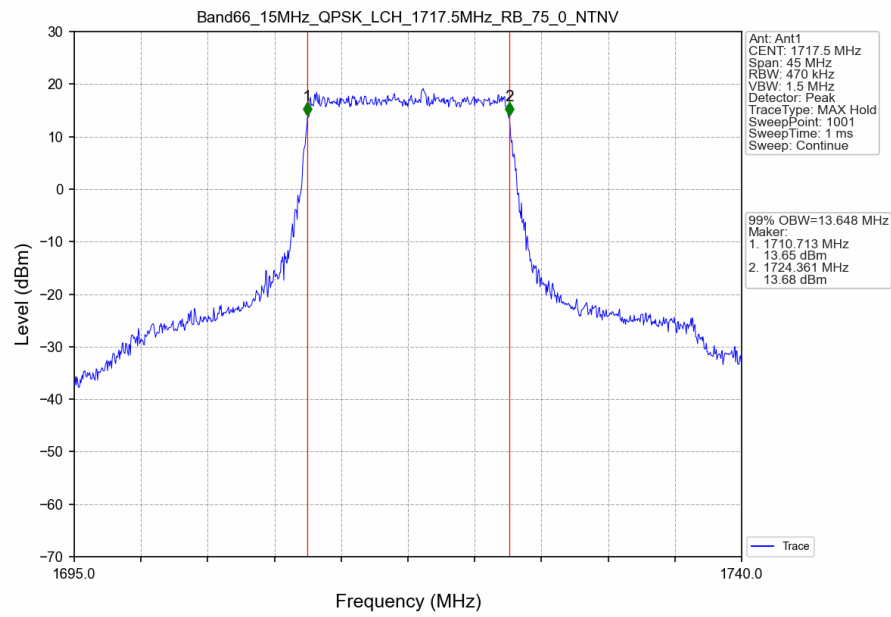
Band66 10MHz 16QAM MCH 1745MHz RB 27 0 NTNV



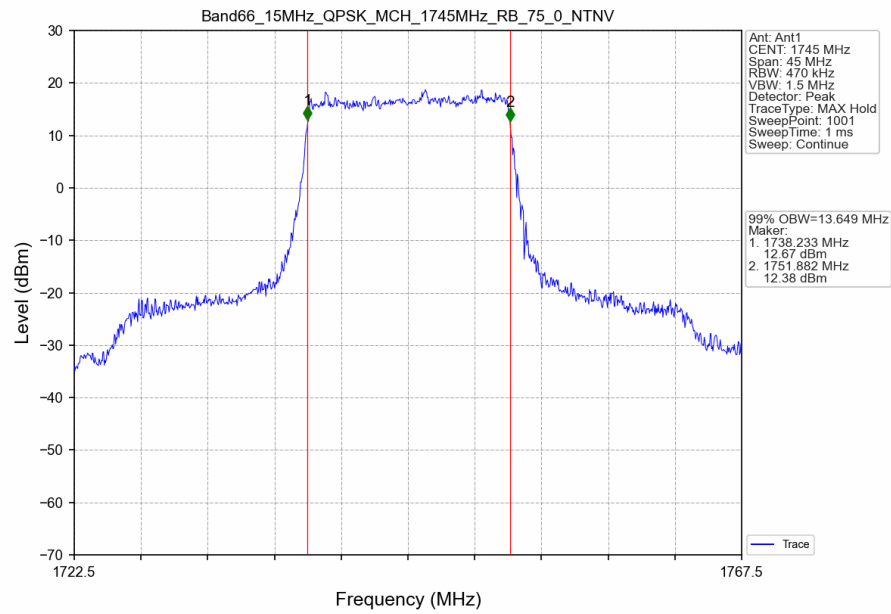
Band66 10MHz 16QAM HCH 1775MHz RB 27 23 NTNV



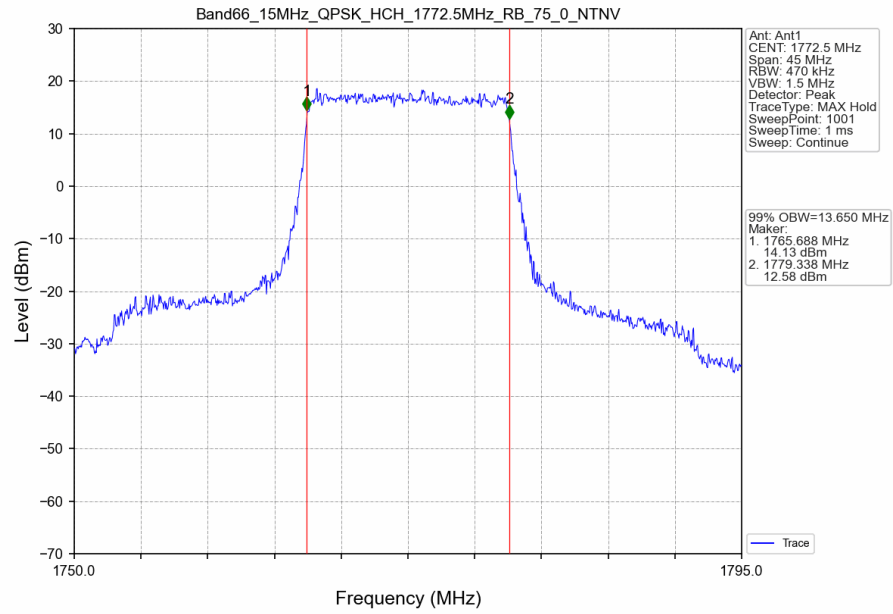
Band66 15MHz QPSK LCH 1717.5MHz RB 75 0 NTNV



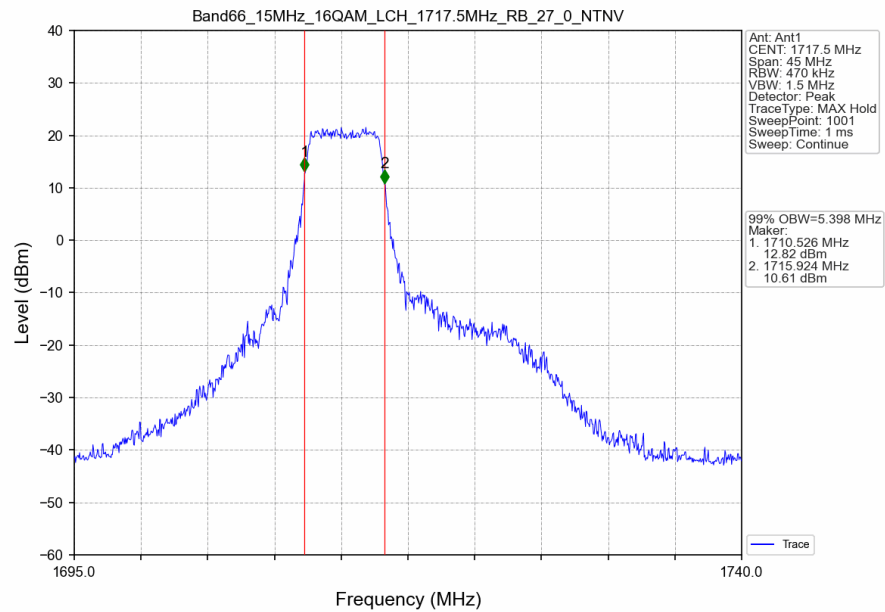
Band66_15MHz_QPSK_MCH_1745MHz_RB 75 0 NTNV



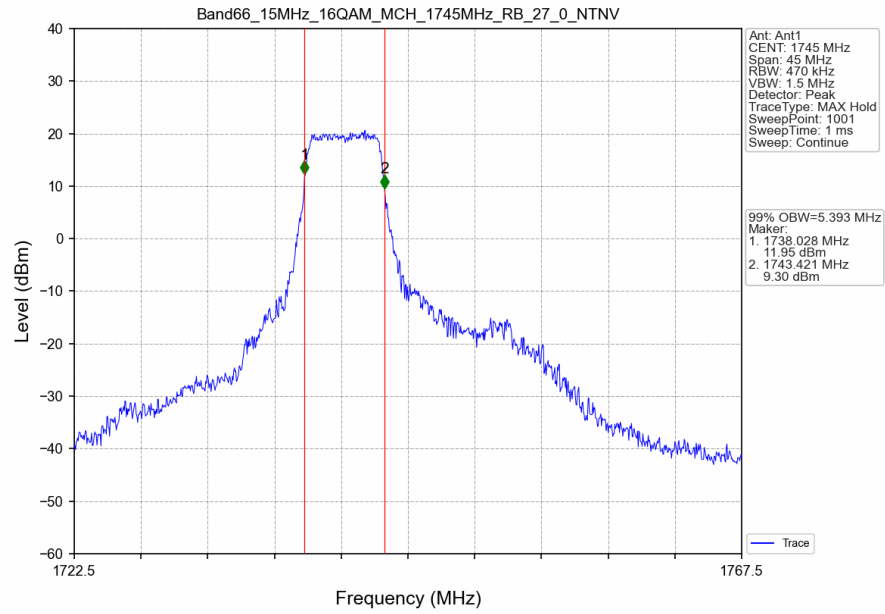
Band66_15MHz_QPSK_HCH_1772.5MHz_RB_75_0_NTNV



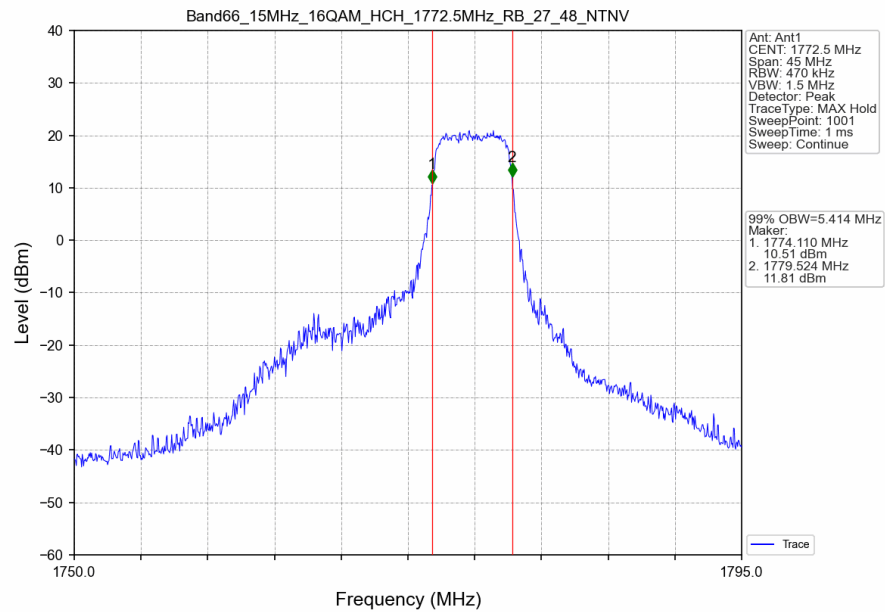
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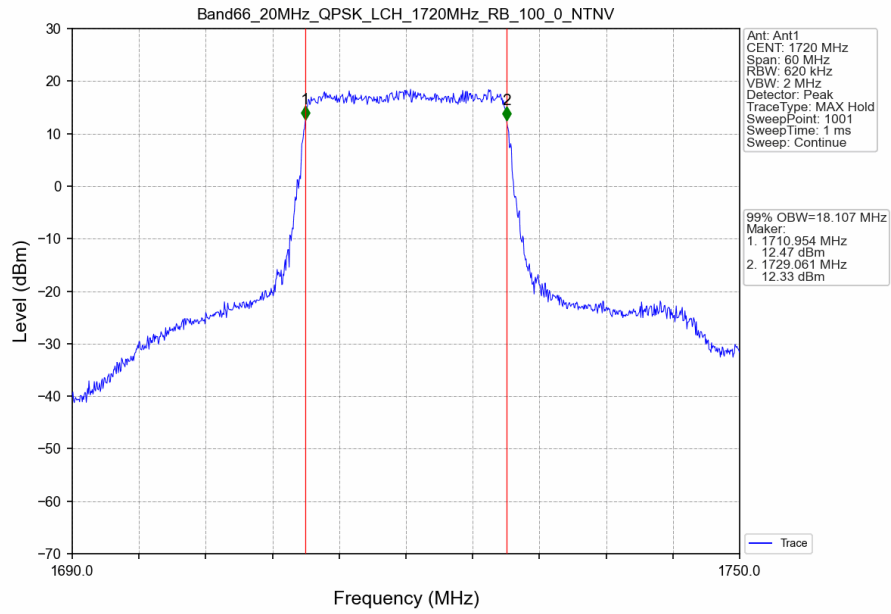
Band66 15MHz 16QAM MCH 1745MHz RB 27 0 NTNV



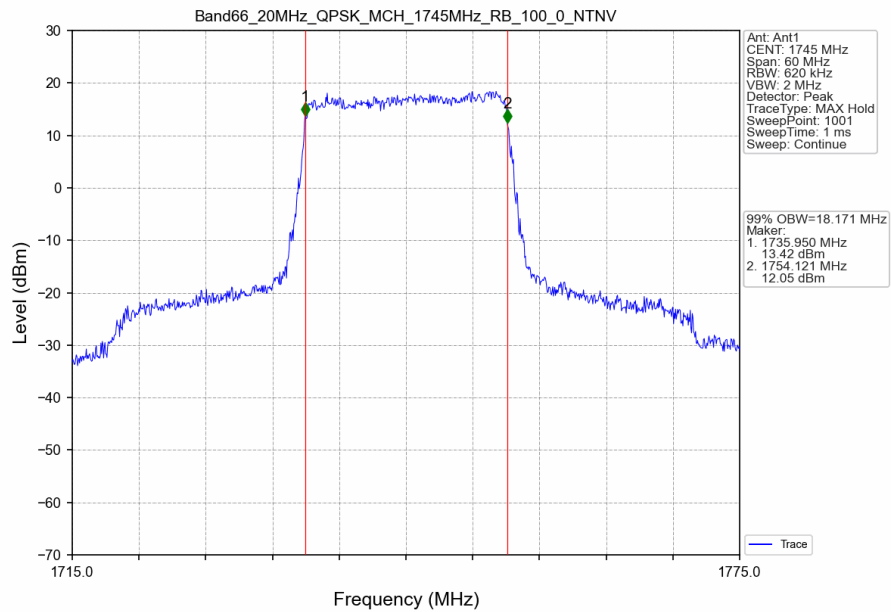
Band66 15MHz 16QAM HCH 1772.5MHz RB 27 48 NTNV



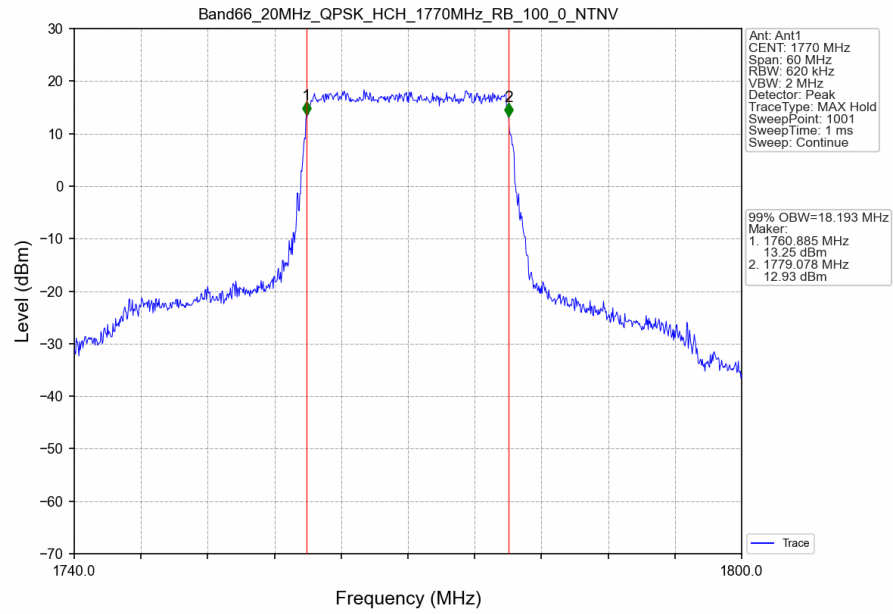
Band66 20MHz QPSK LCH 1720MHz RB 100 0 NTN



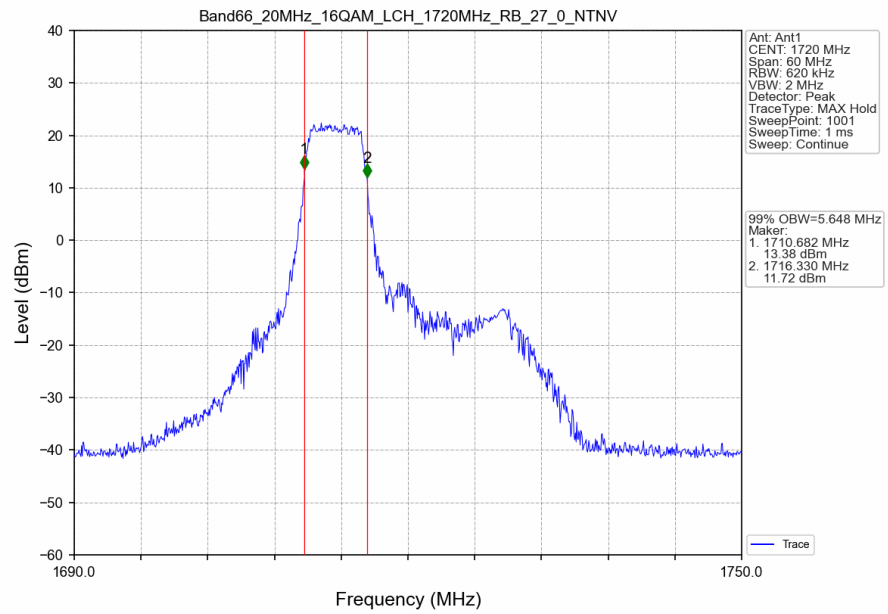
Band66 20MHz QPSK MCH 1745MHz RB 100 0 NTN



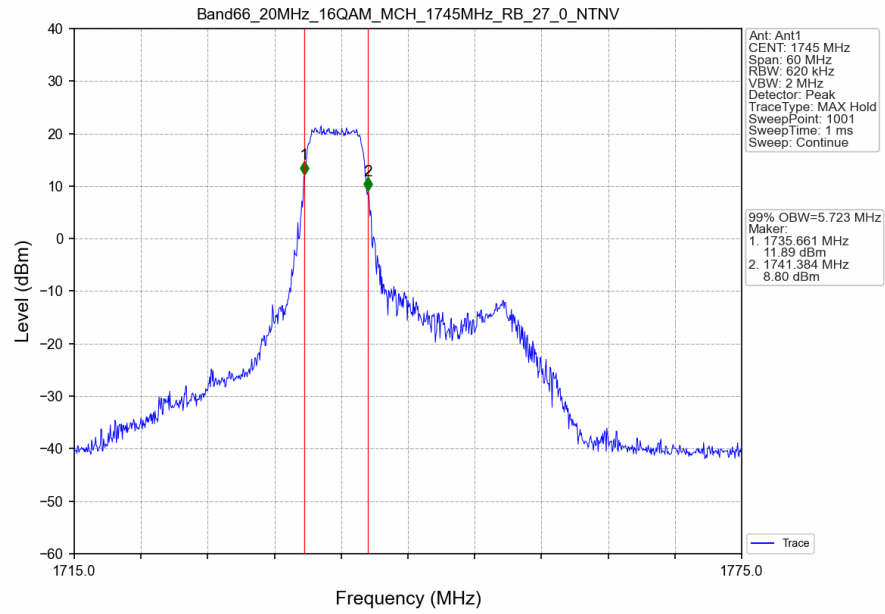
Band66 20MHz QPSK HCH 1770MHz RB 100 0 NTN



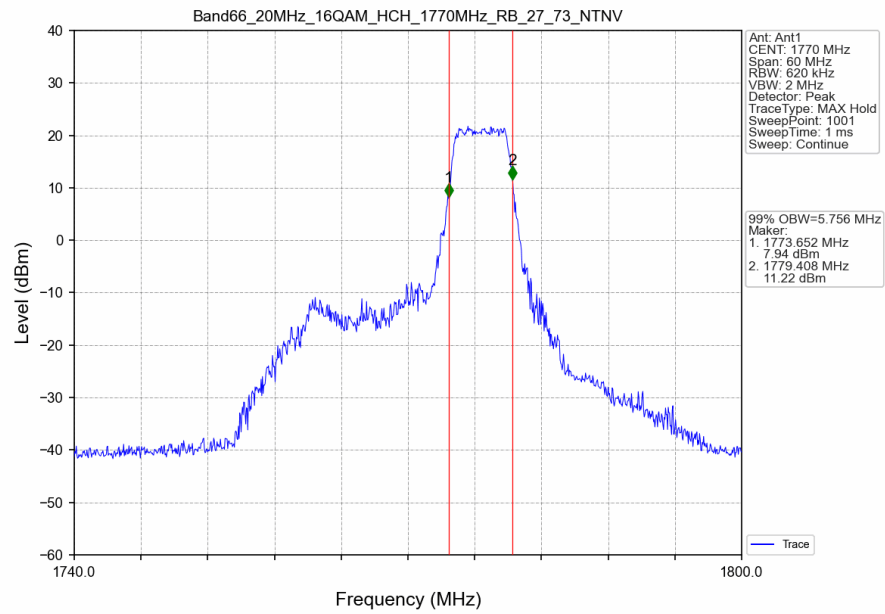
Band66 20MHz 16QAM LCH 1720MHz RB 27 0 NTN



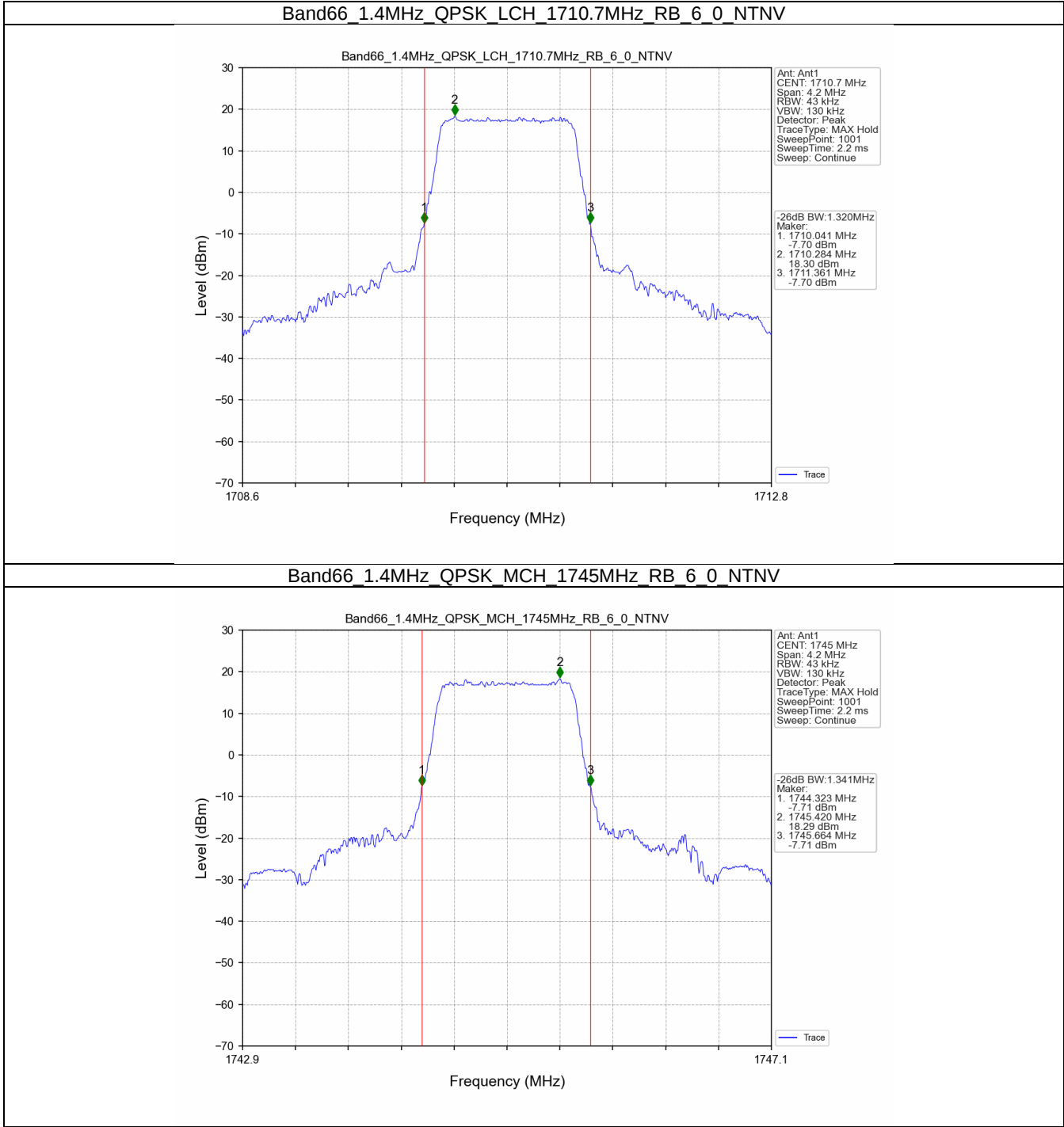
Band66_20MHz_16QAM_MCH_1745MHz_RB_27_0_NTNV



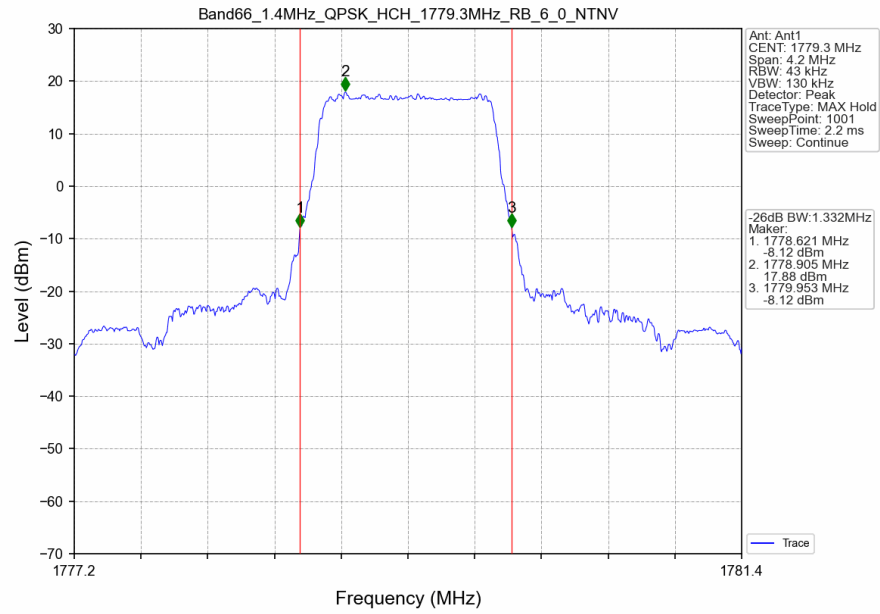
Band66_20MHz_16QAM_HCH_1770MHz_RB_27_73_NTNV



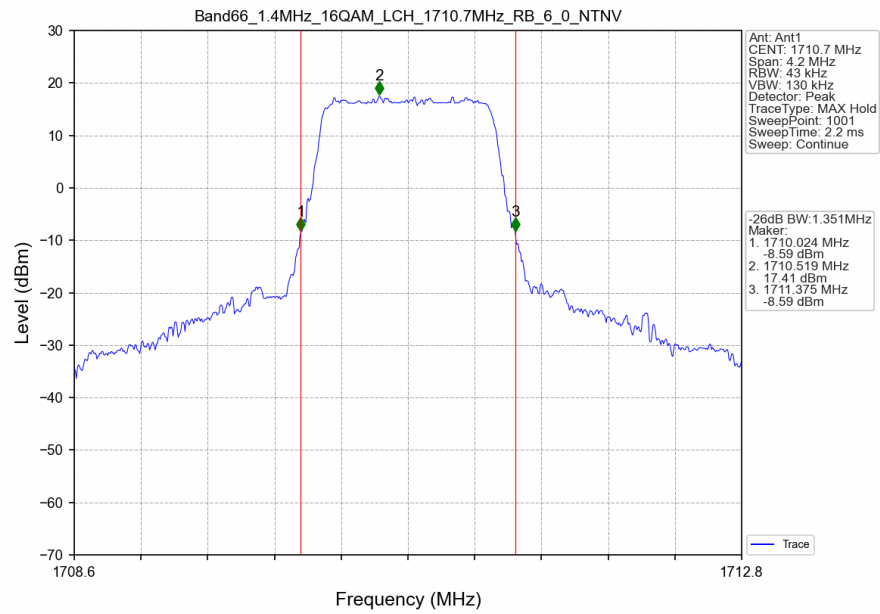
3.2.2 Band66_XDB



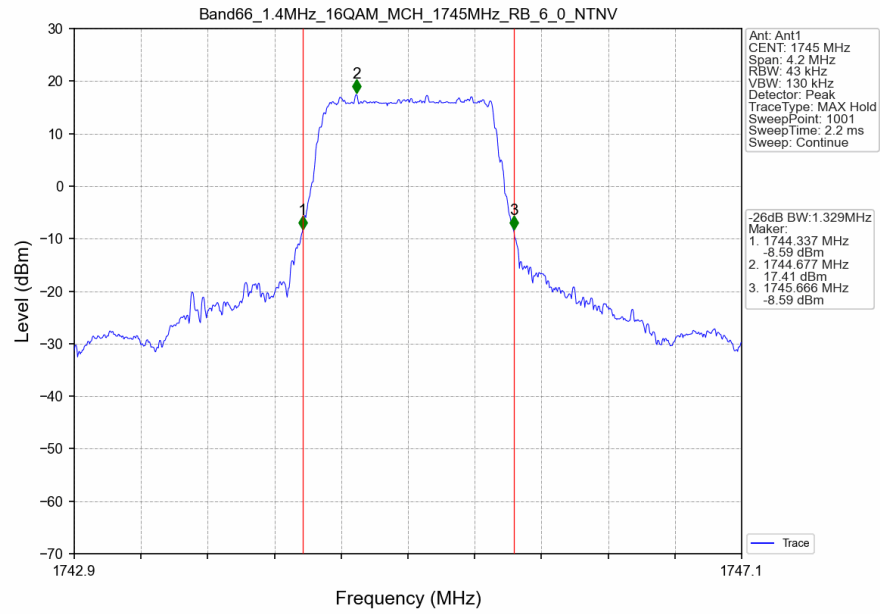
Band66 1.4MHz QPSK HCH 1779.3MHz RB 6 0 NTV



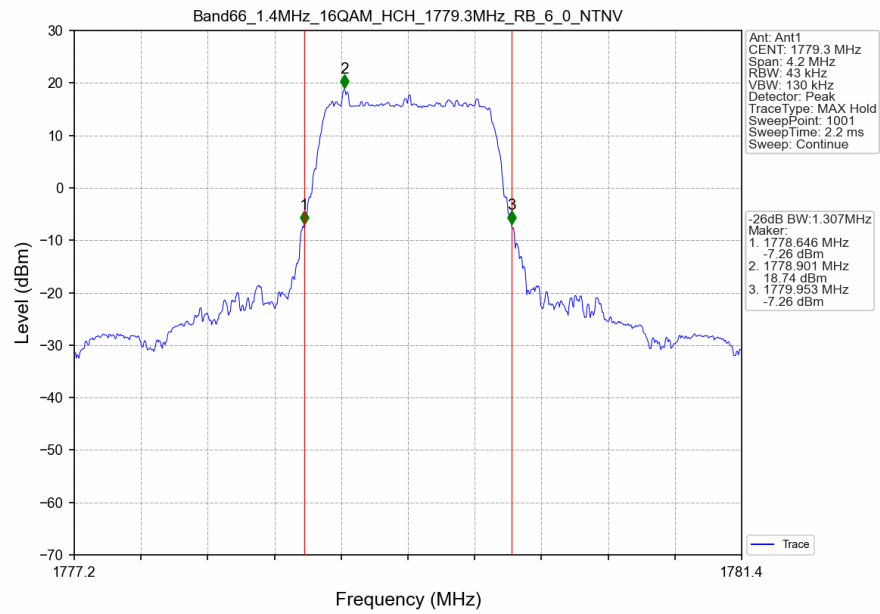
Band66 1.4MHz 16QAM LCH 1710.7MHz RB 6 0 NTV



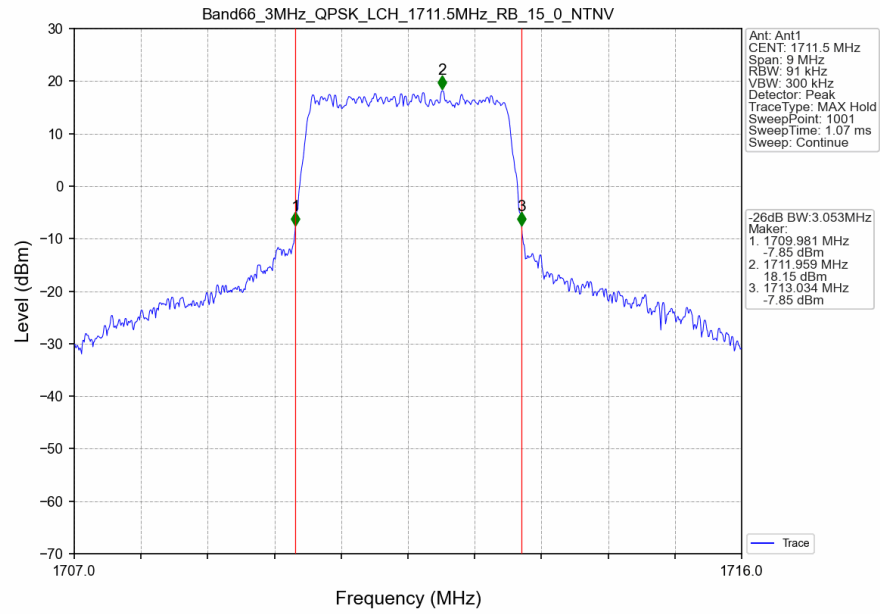
Band66 1.4MHz 16QAM MCH 1745MHz RB 6 0 NTV



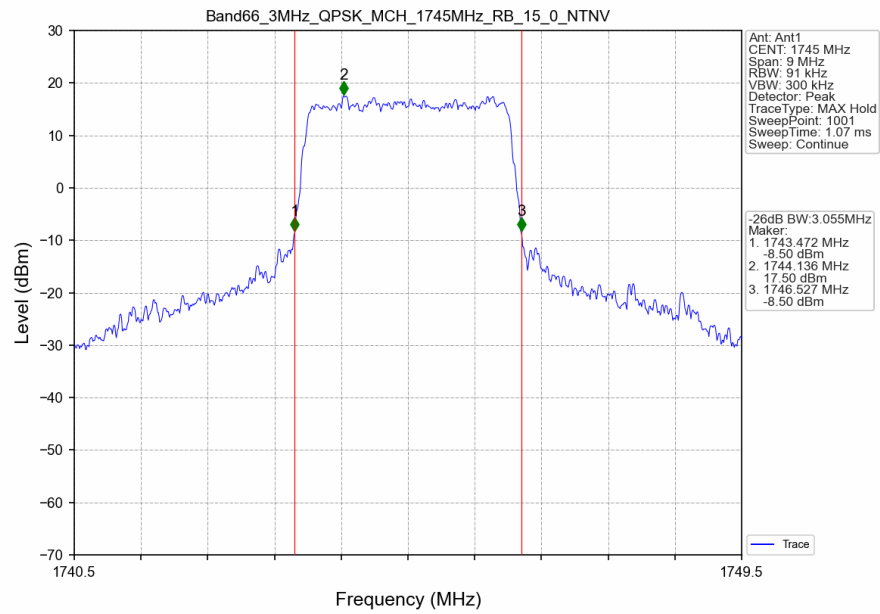
Band66 1.4MHz 16QAM HCH 1779.3MHz RB 6 0 NTV



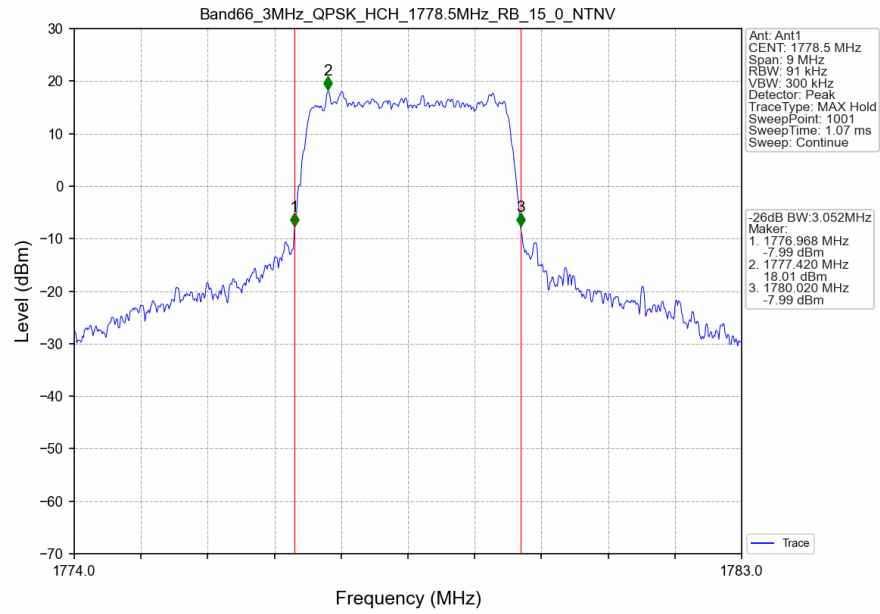
Band66_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV



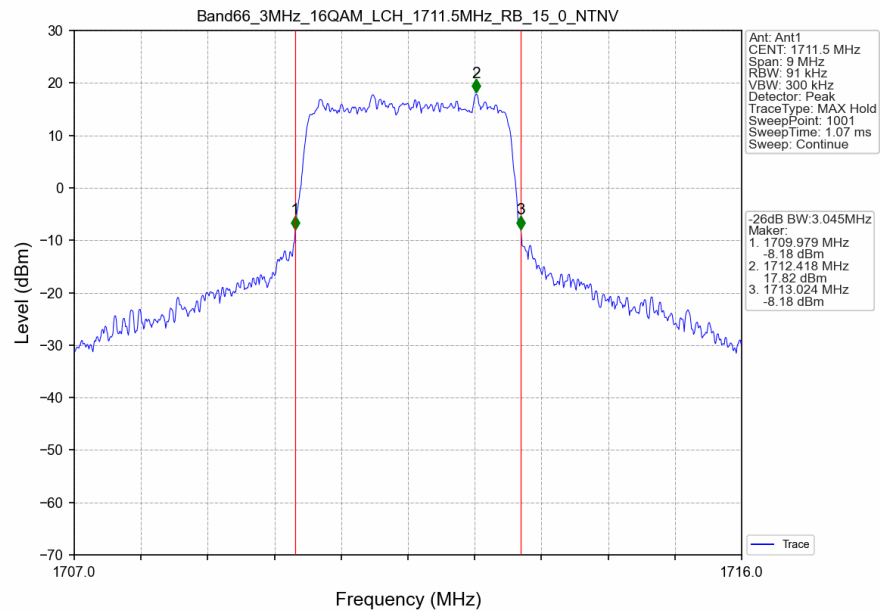
Band66_3MHz_QPSK_MCH_1745MHz_RB_15_0_NTNV



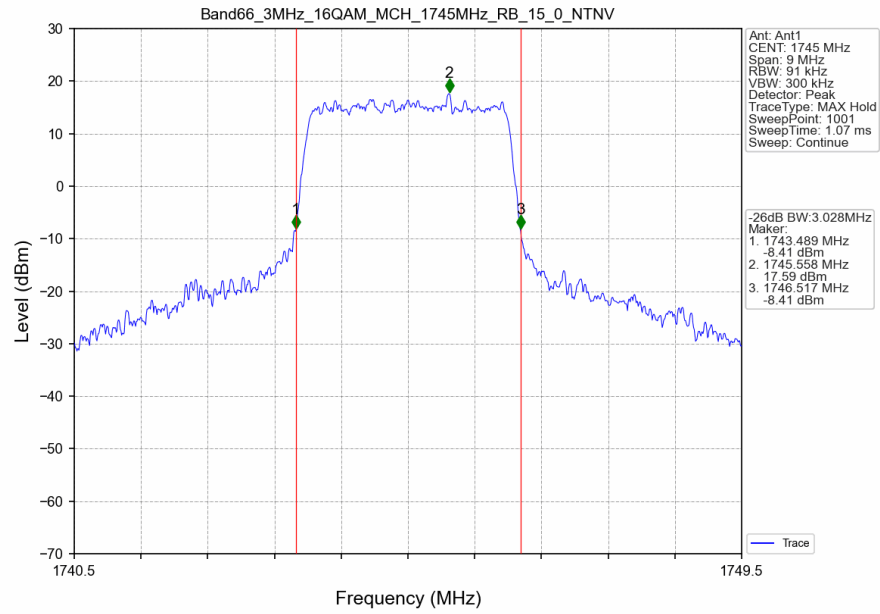
Band66_3MHz_QPSK_HCH_1778.5MHz_RB_15_0_NTNV



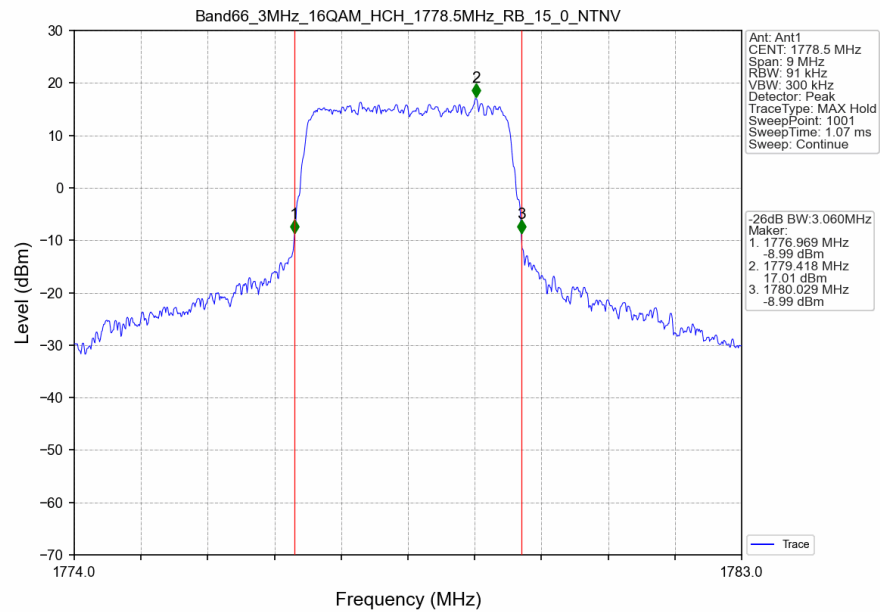
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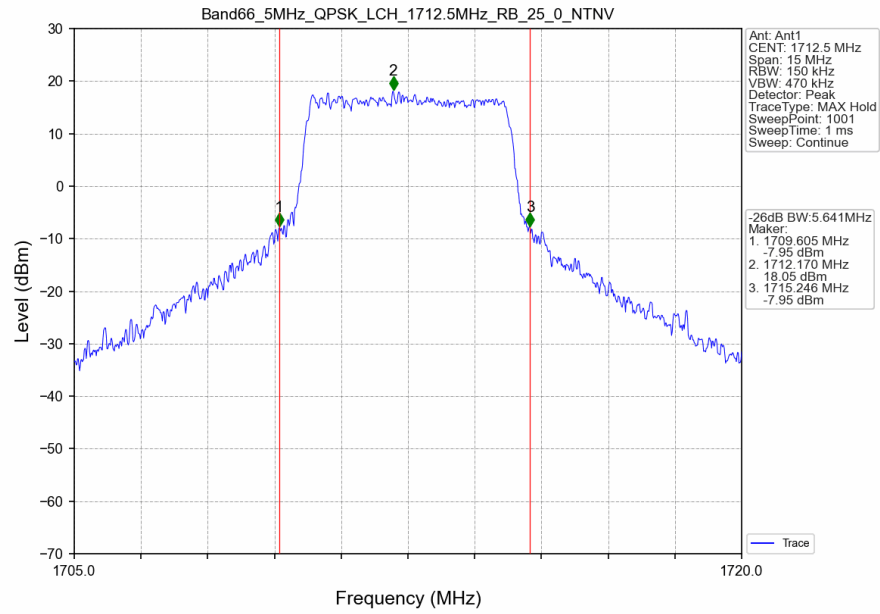
Band66_3MHz_16QAM_MCH_1745MHz_RB_15_0_NTNV



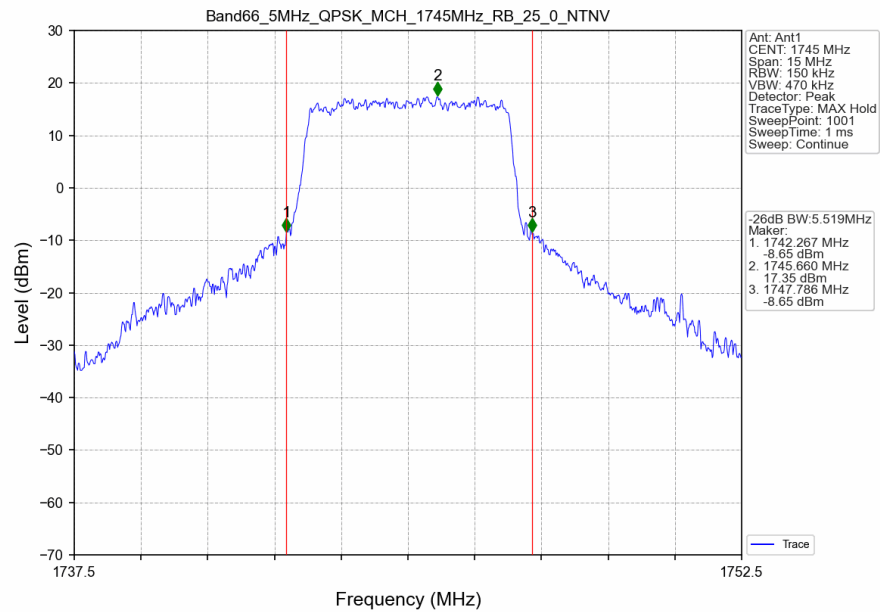
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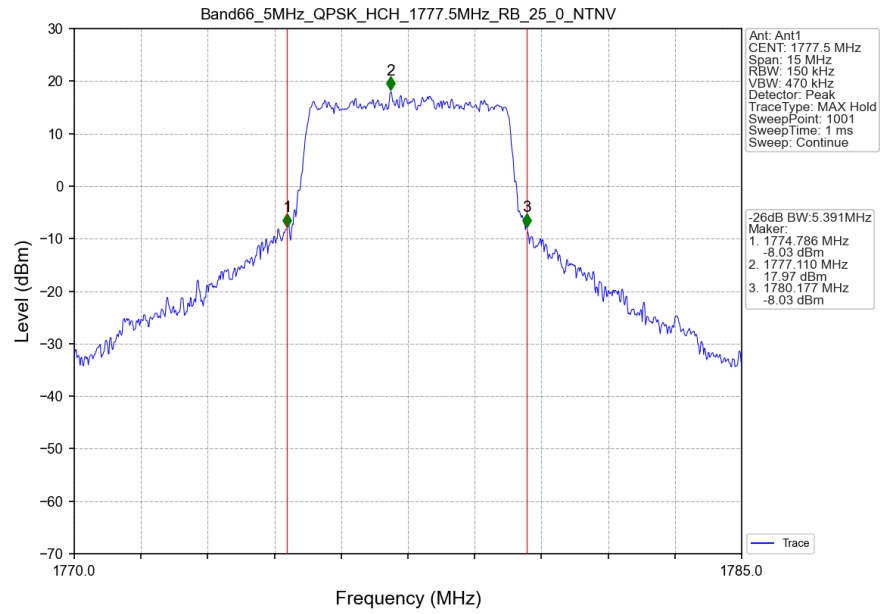
Band66_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV



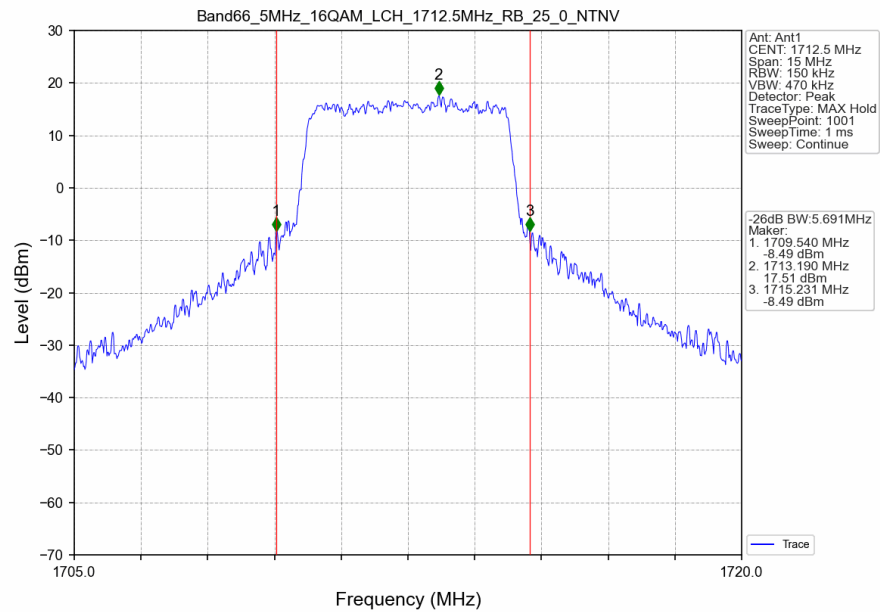
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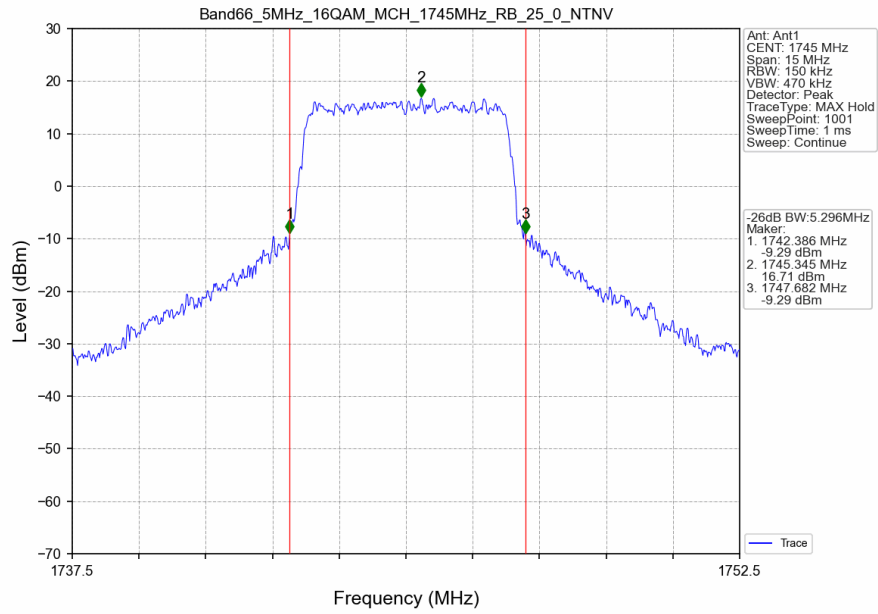
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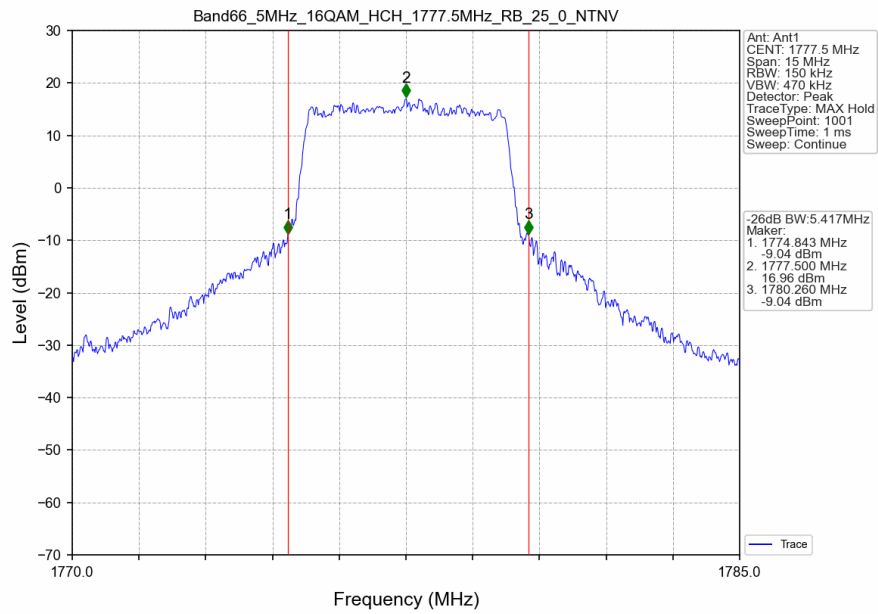
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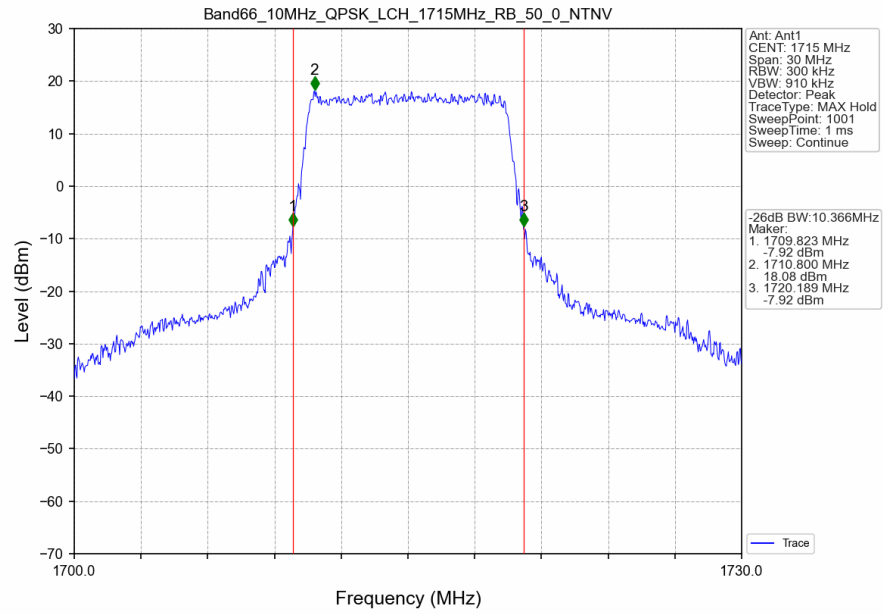
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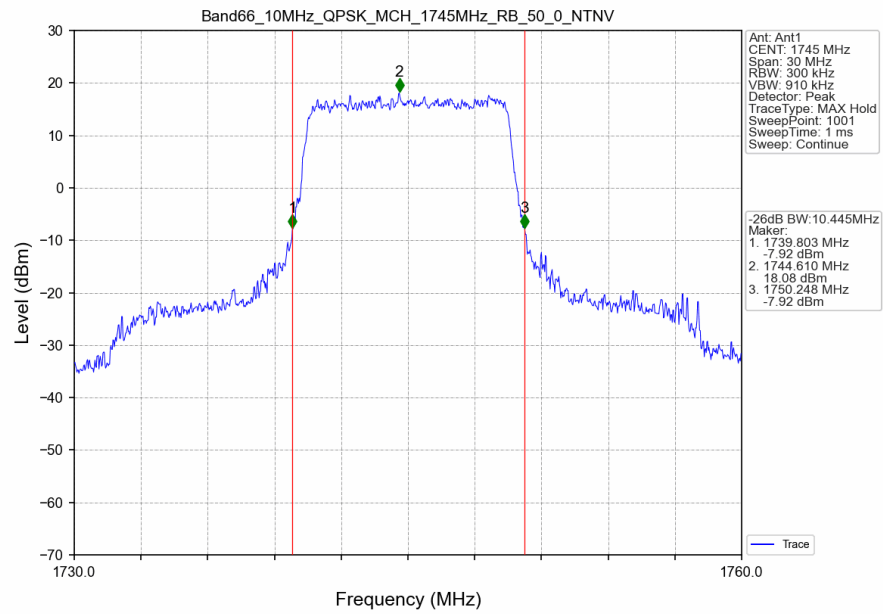
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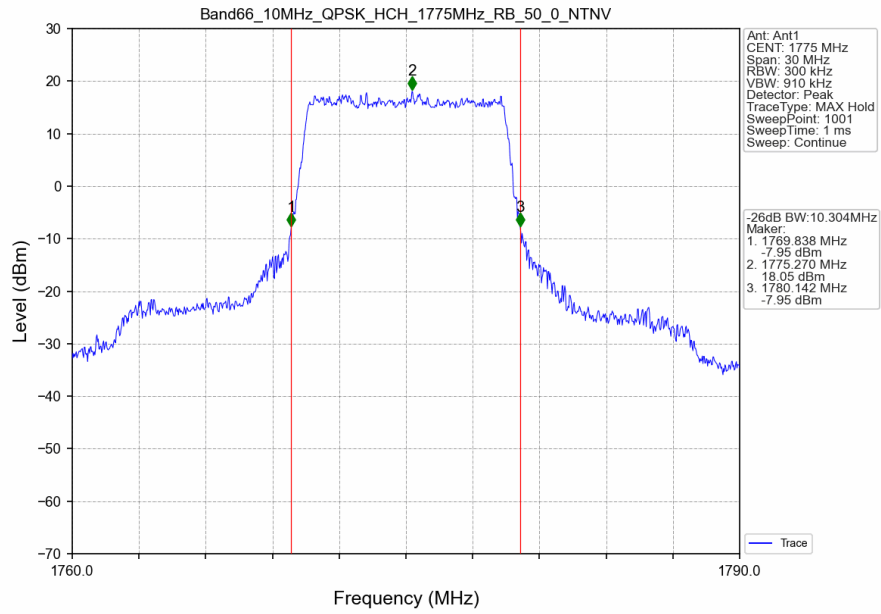
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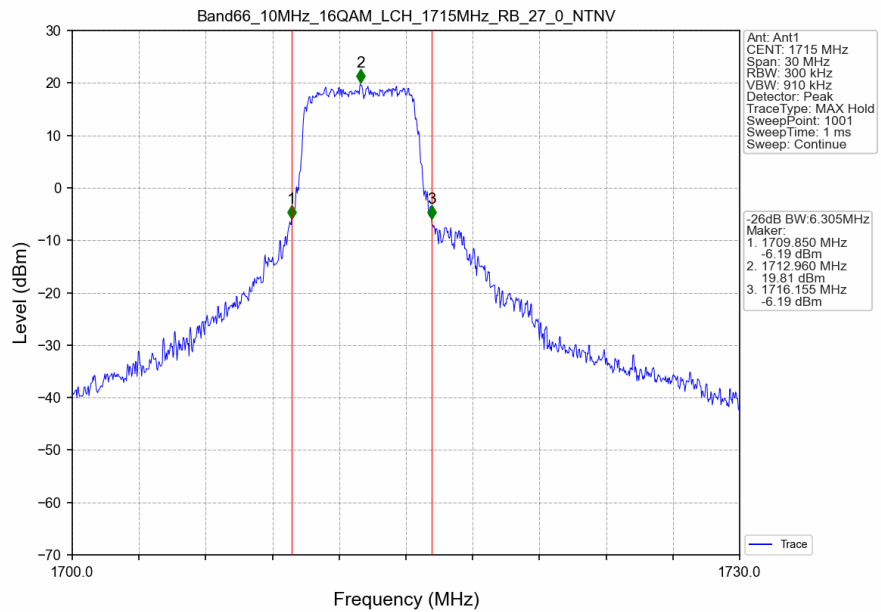
Band66_10MHz_QPSK_MCH_1745MHz_RB_50_0_NTNV



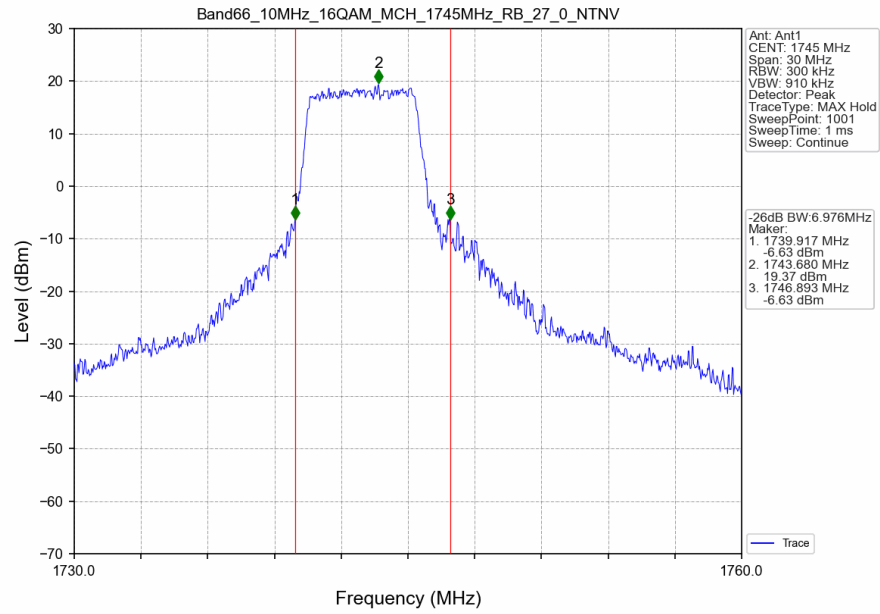
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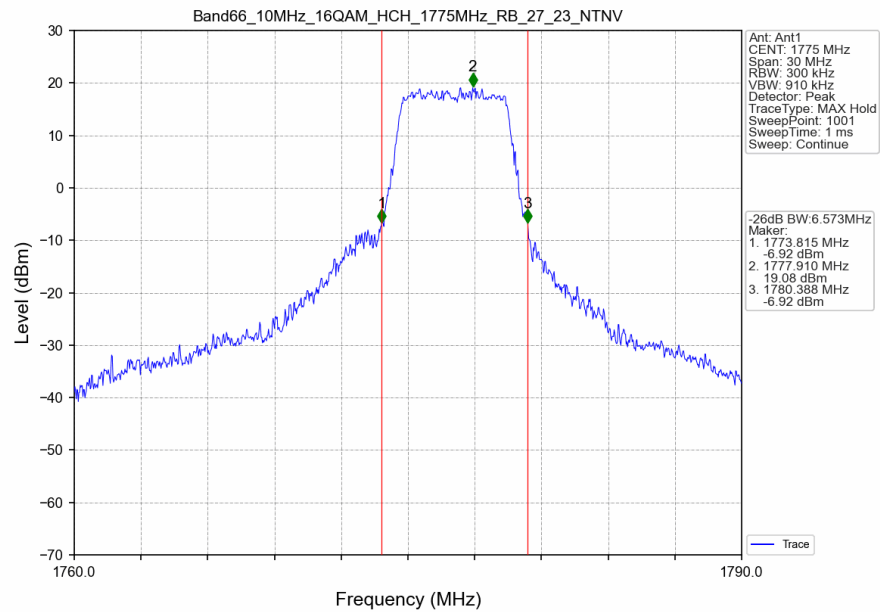
Band66_10MHz_16QAM_LCH_1715MHz_RB_27_0_NTNV



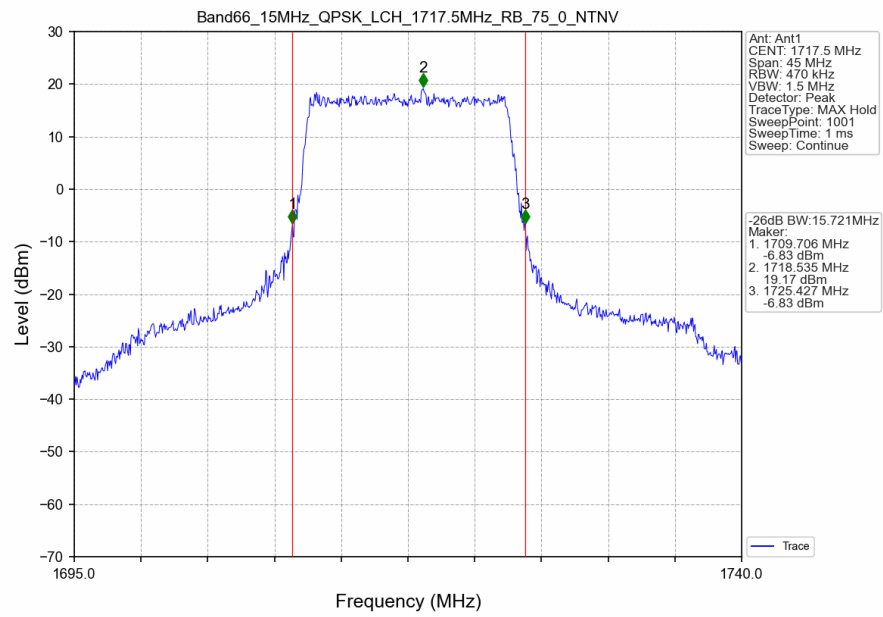
Band66 10MHz 16QAM MCH 1745MHz RB 27 0 NTNV



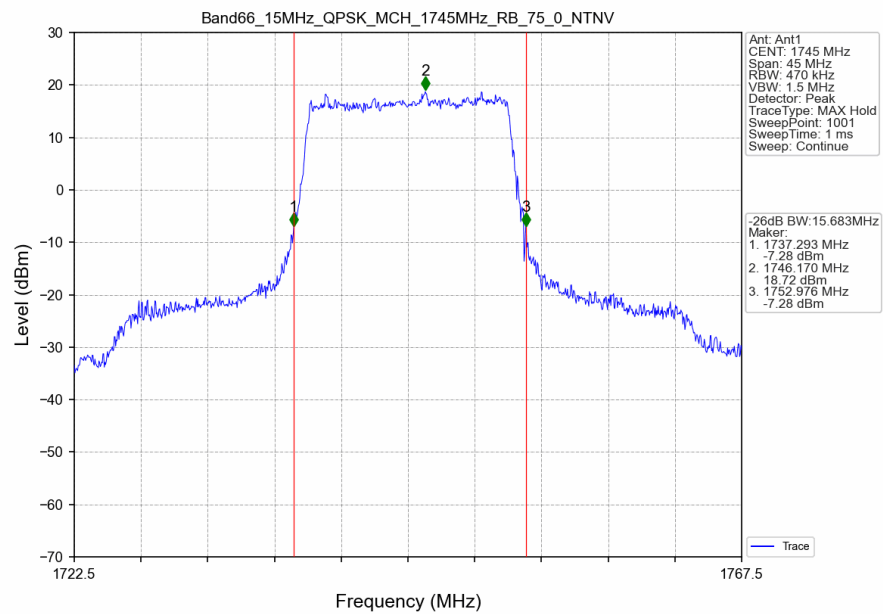
Band66 10MHz 16QAM HCH 1775MHz RB 27 23 NTNV



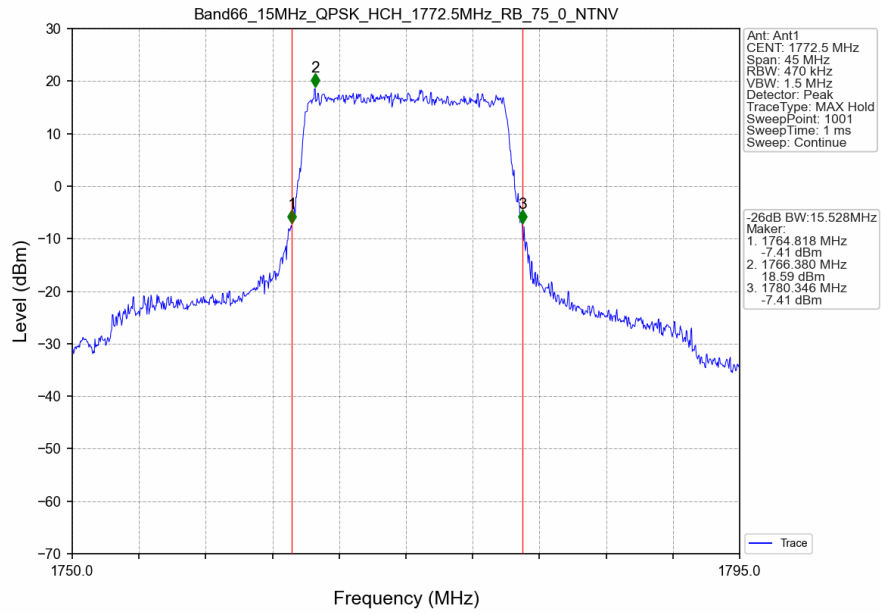
Band66 15MHz QPSK LCH 1717.5MHz RB 75 0 NTNV



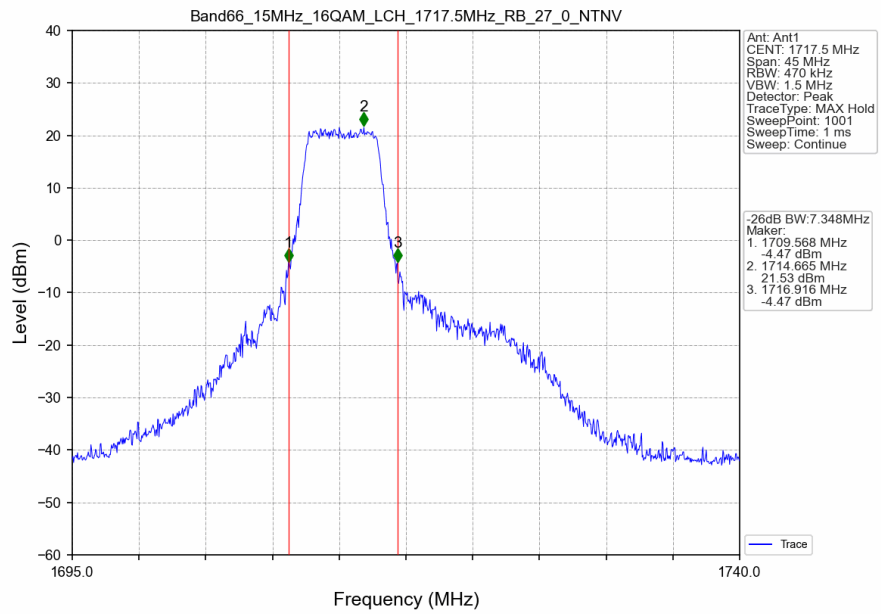
Band66 15MHz QPSK MCH 1745MHz RB 75 0 NTNV



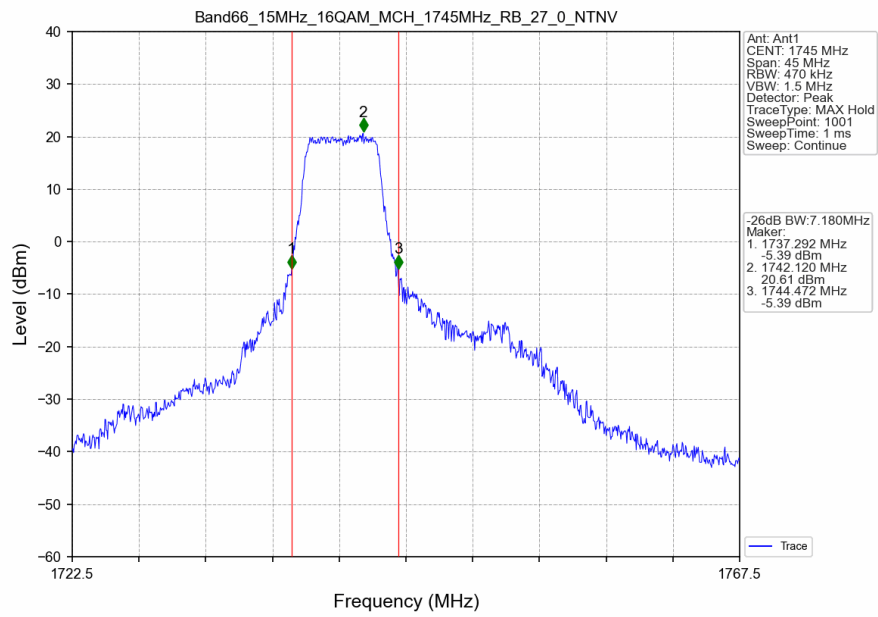
Band66 15MHz QPSK HCH 1772.5MHz RB 75_0 NTNV



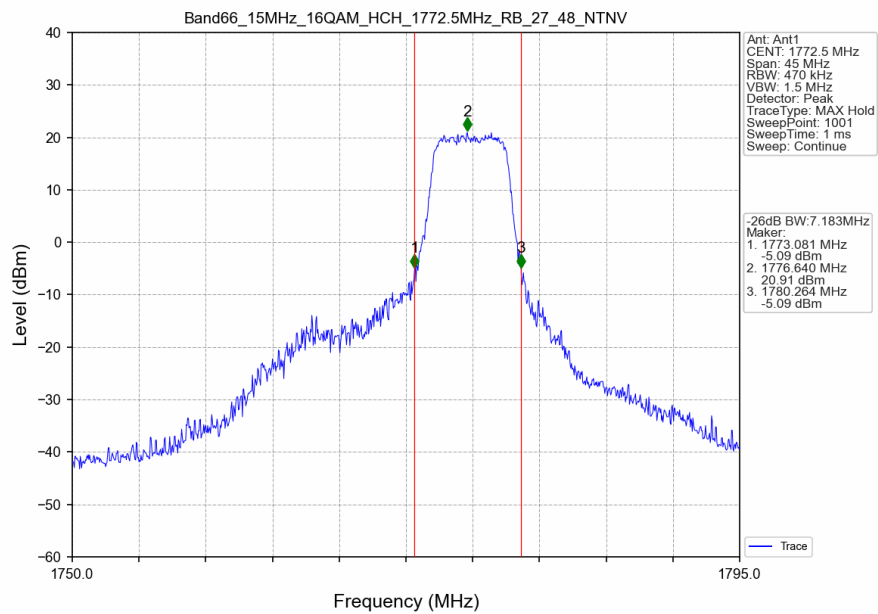
Band66 15MHz 16QAM LCH 1717.5MHz RB 27_0 NTNV



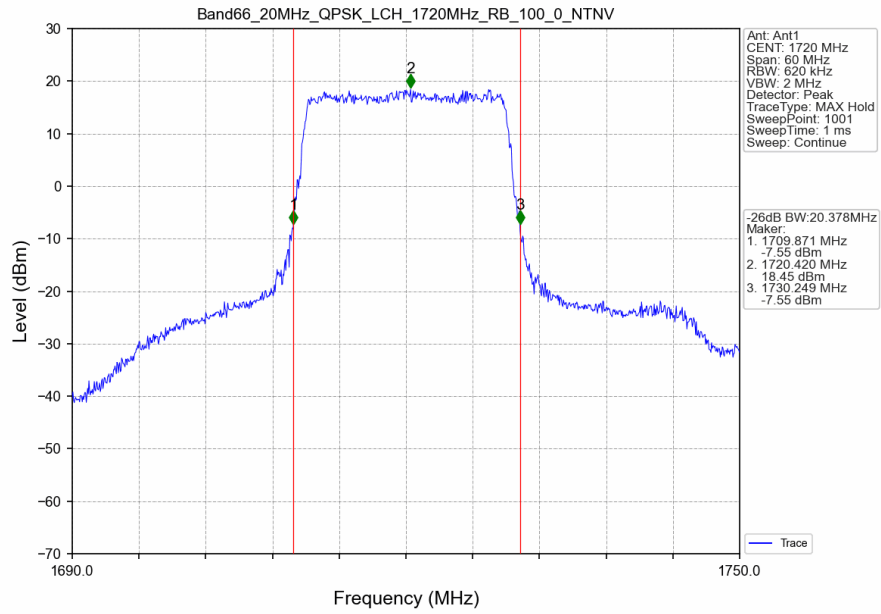
Band66 15MHz 16QAM MCH 1745MHz RB 27 0 NTN



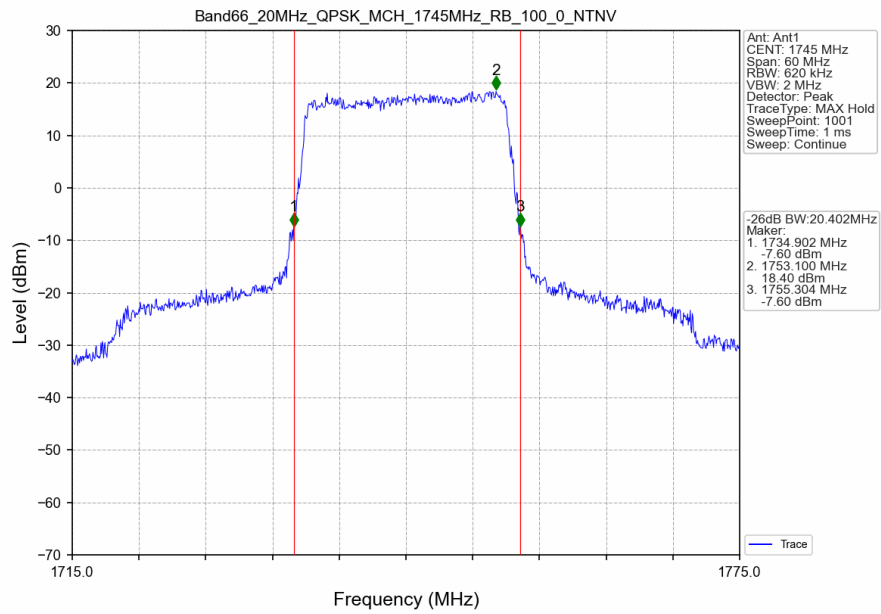
Band66 15MHz 16QAM HCH 1772.5MHz RB 27 48 NTN



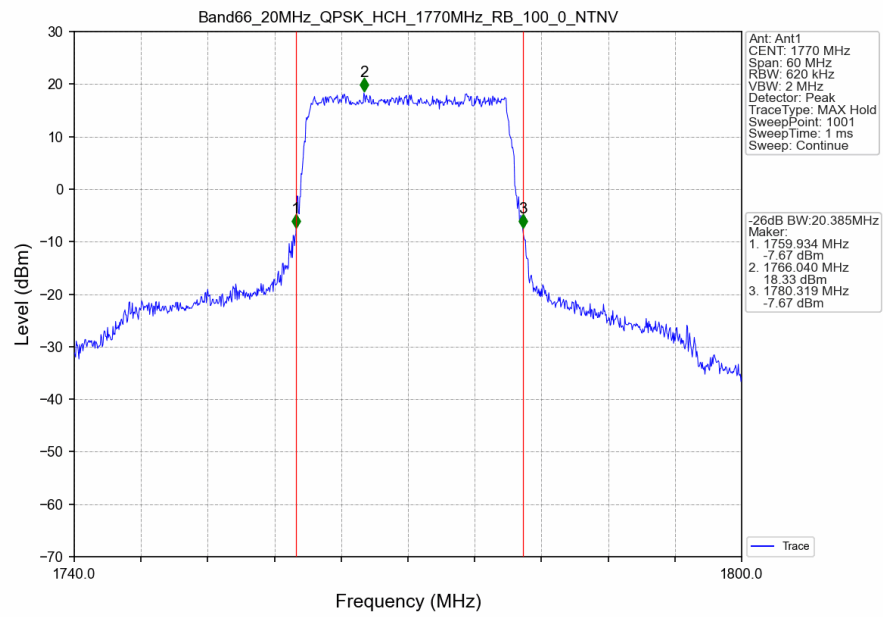
Band66 20MHz QPSK LCH 1720MHz RB 100 0 NTN



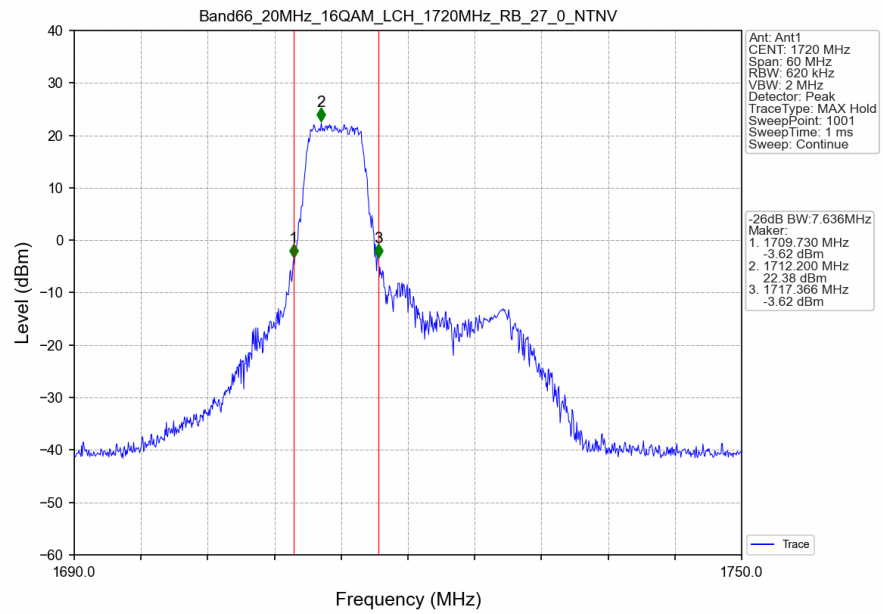
Band66 20MHz QPSK MCH 1745MHz RB 100 0 NTN



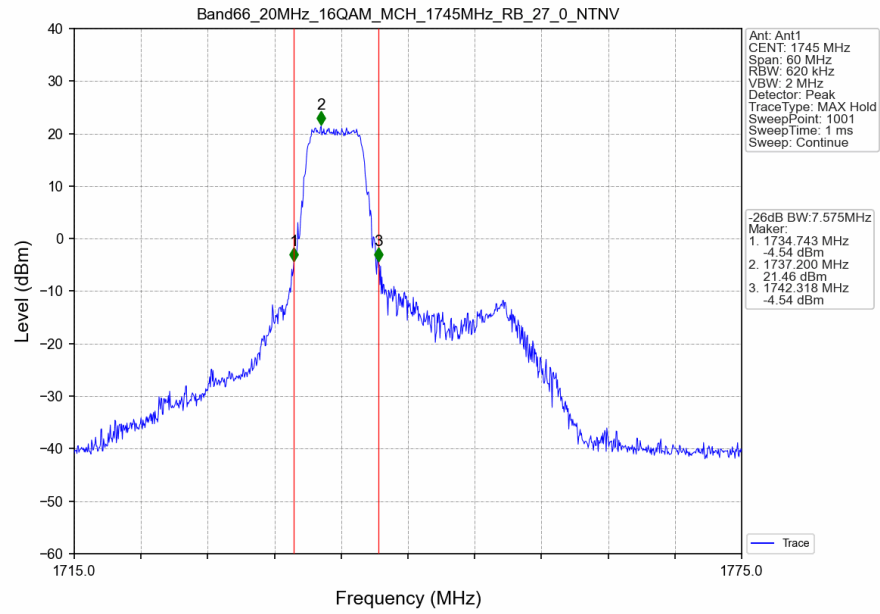
Band66 20MHz QPSK HCH 1770MHz RB 100 0 NTNV



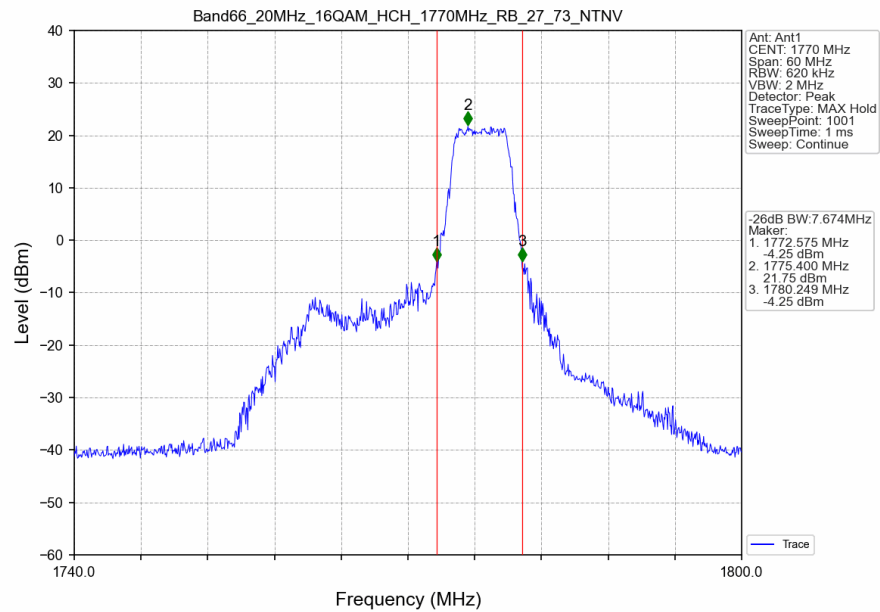
Band66 20MHz 16QAM LCH 1720MHz RB 27 0 NTNV



Band66_20MHz_16QAM_MCH_1745MHz_RB_27_0_NTNV



Band66_20MHz_16QAM_HCH_1770MHz_RB_27_73_NTNV



4. Peak-Average Ratio

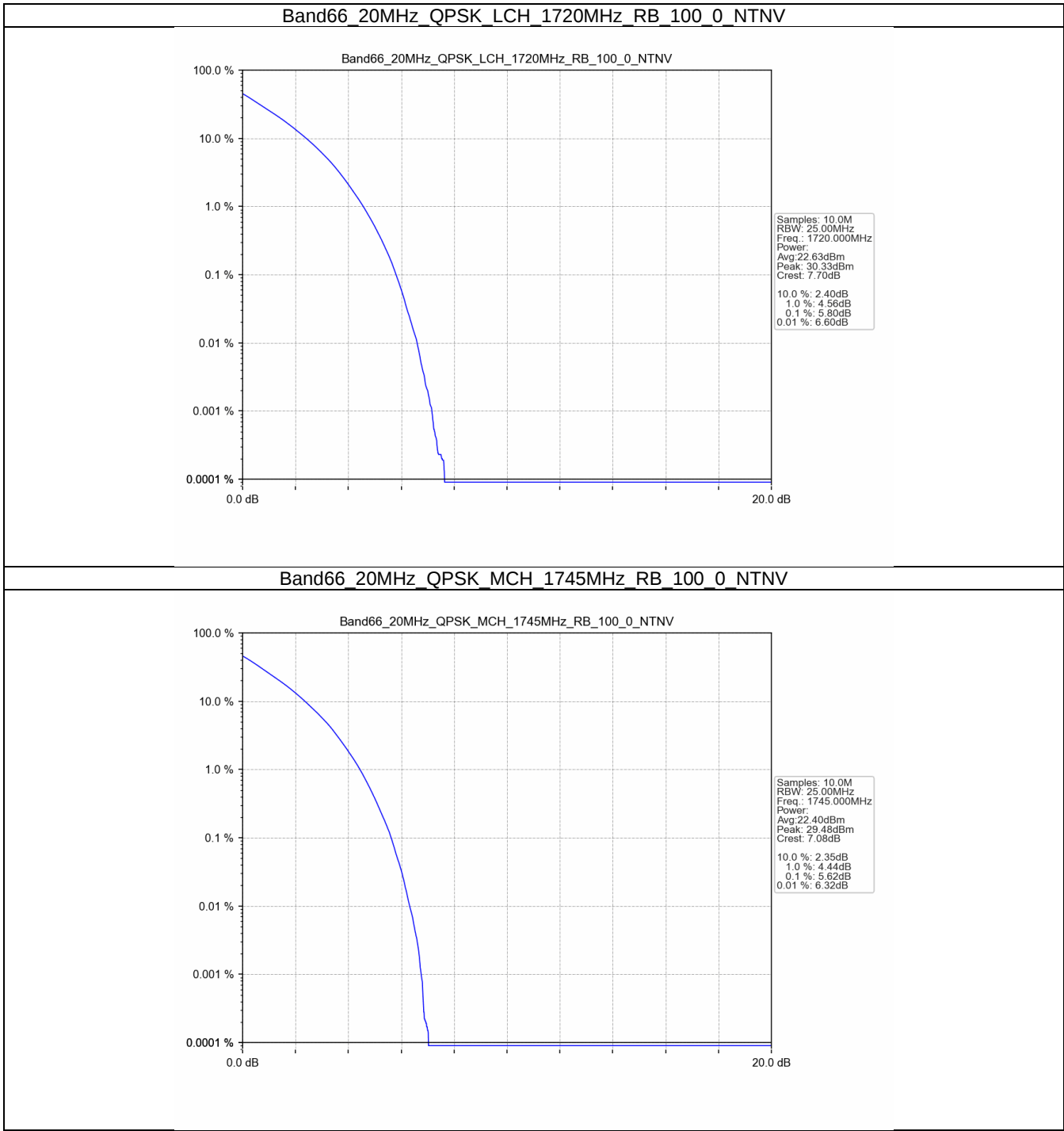
4.1 Test Result

4.1.1 B66_20MHz

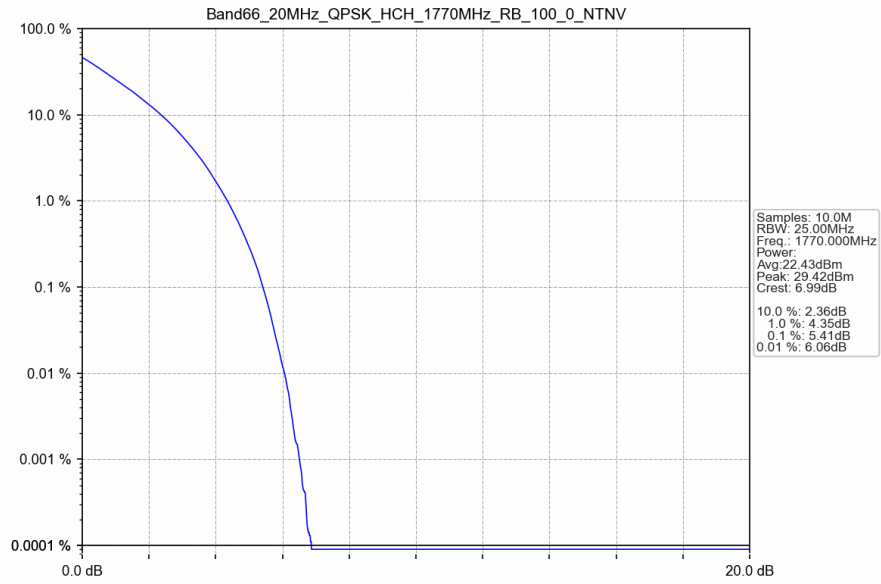
Band: 66 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1720	100	0	5.80	<=13	Pass
	1745	100	0	5.62	<=13	Pass
	1770	100	0	5.41	<=13	Pass
16QAM	1720	27	0	6.49	<=13	Pass
	1745	27	0	6.50	<=13	Pass
	1770	27	73	6.03	<=13	Pass

4.2 Test Graph

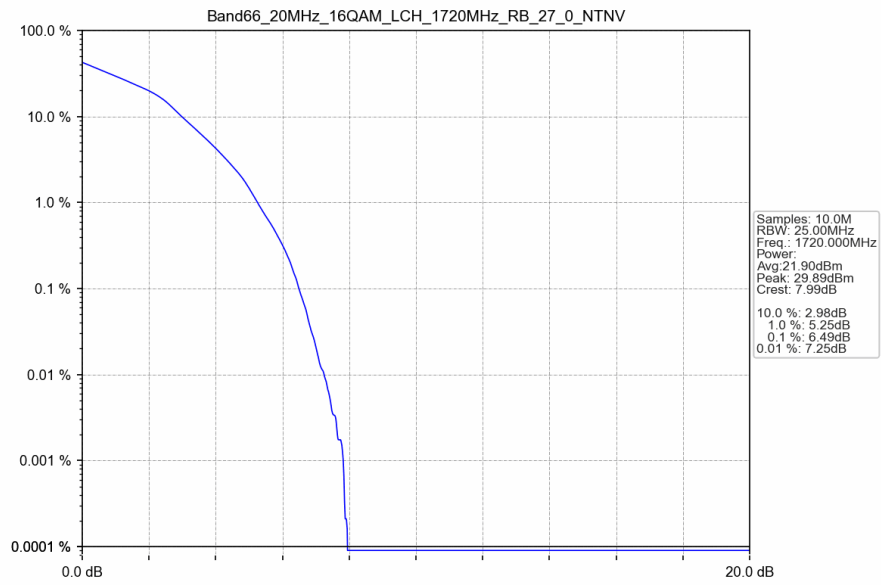
4.2.1 B66_20MHz



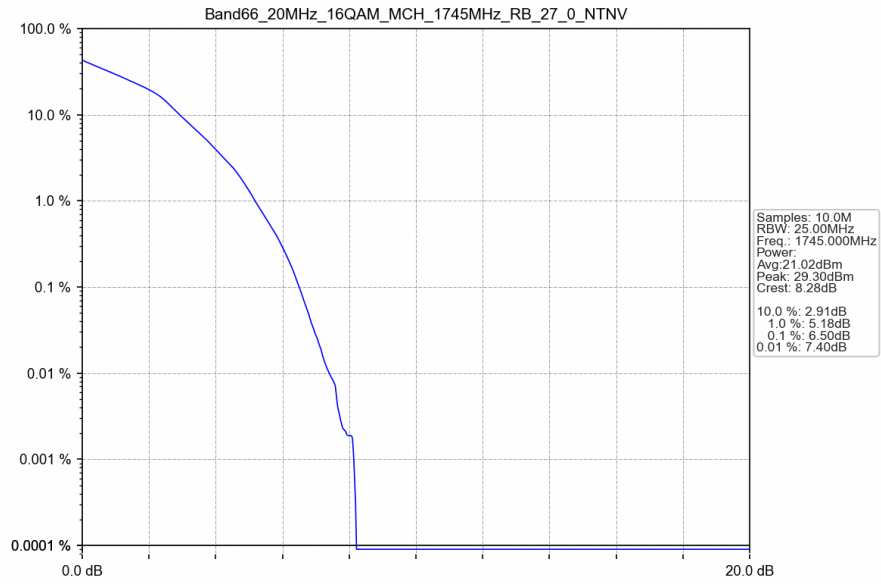
Band66 20MHz QPSK HCH 1770MHz RB 100 0 NTNV



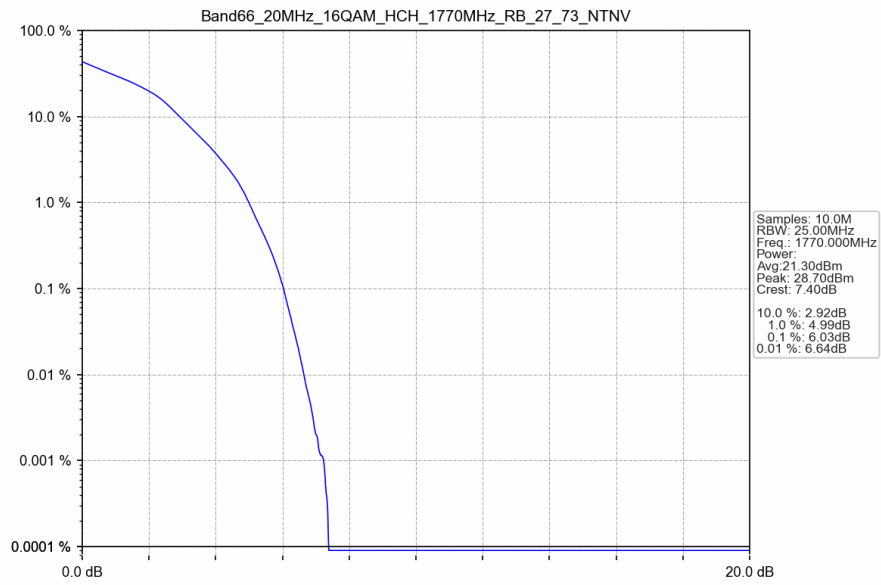
Band66 20MHz 16QAM LCH 1720MHz RB 27 0 NTNV



Band66_20MHz_16QAM_MCH_1745MHz_RB_27_0_NTNV



Band66_20MHz_16QAM_HCH_1770MHz_RB_27_73_NTNV



5. Spurious Emission

5.1 Test Result

5.1.1 B66_1.4MHz

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

5.1.2 B66_3MHz

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

5.1.3 B66_5MHz

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

5.1.4 B66_10MHz

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

5.1.5 B66_15MHz

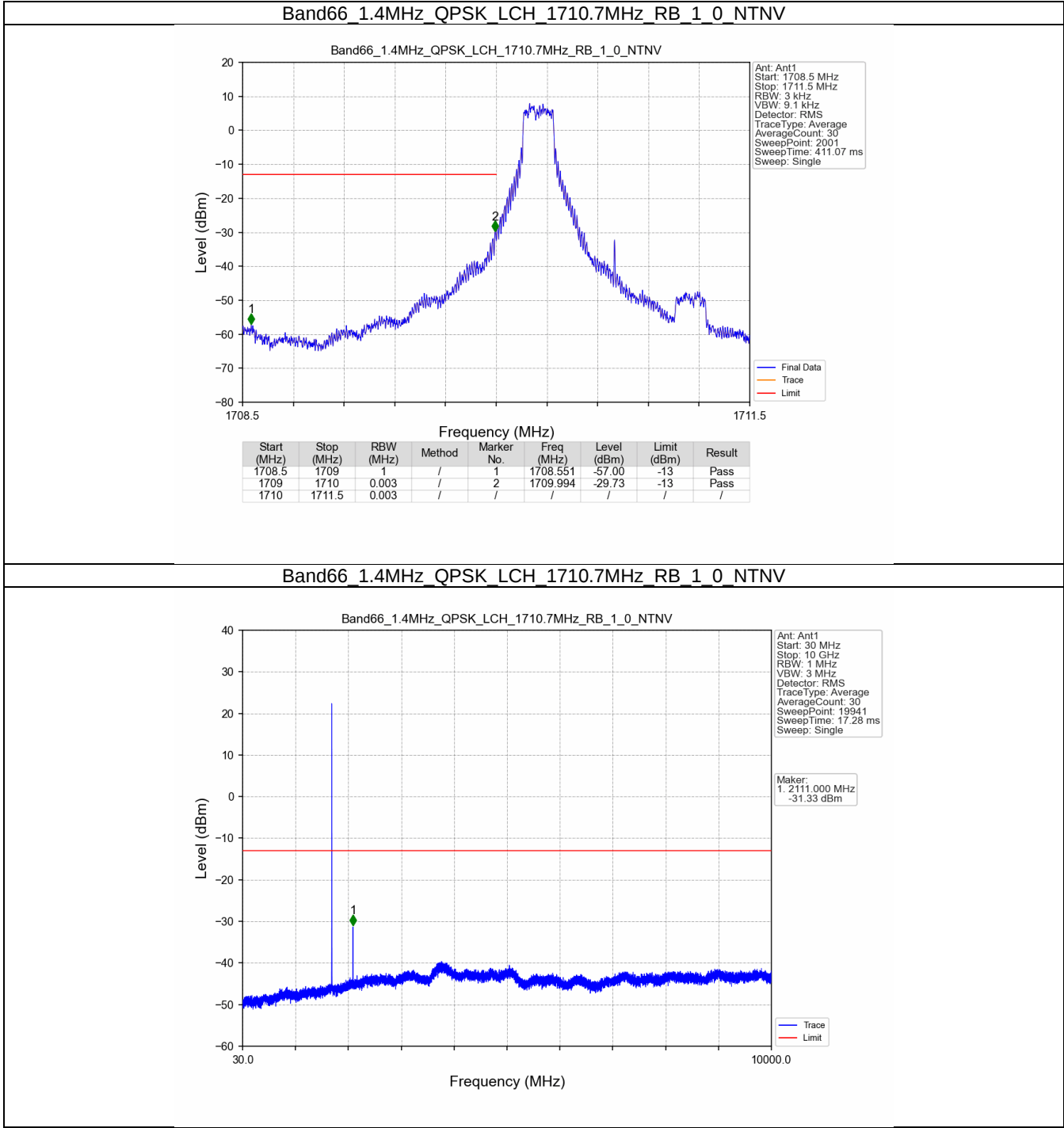
Band: 66 / Bandwidth: 15MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1717.5	1	0	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	1745	1	0	Refer To Test Graph		Pass
	1772.5	1	0	Refer To Test Graph		Pass
			74	Refer To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

5.1.6 B66_20MHz

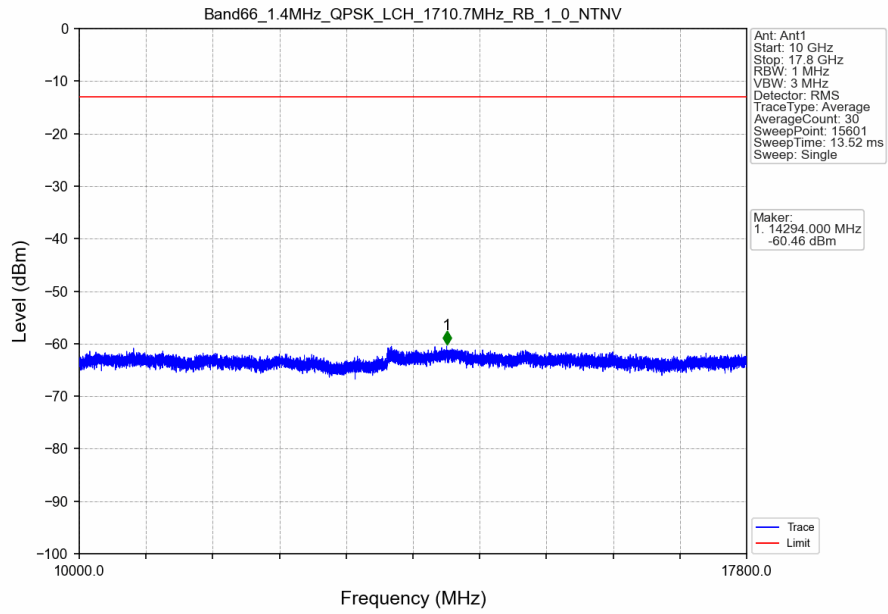
Band: 66 / Bandwidth: 20MHz / NTVN						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1720	1	0	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	1745	1	0	Refer To Test Graph		Pass
	1770	1	0	Refer To Test Graph		Pass
			99	Refer To Test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

5.2 Test Graph

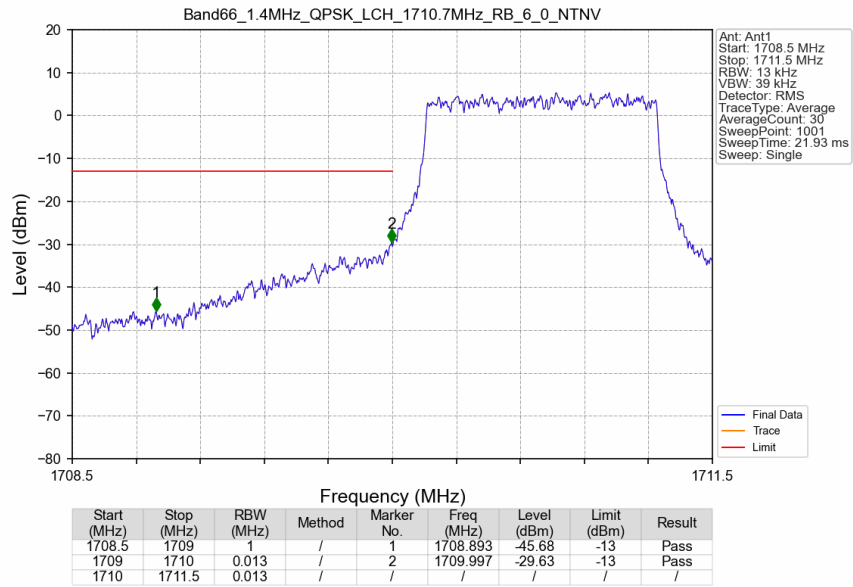
5.2.1 B66_1.4MHz



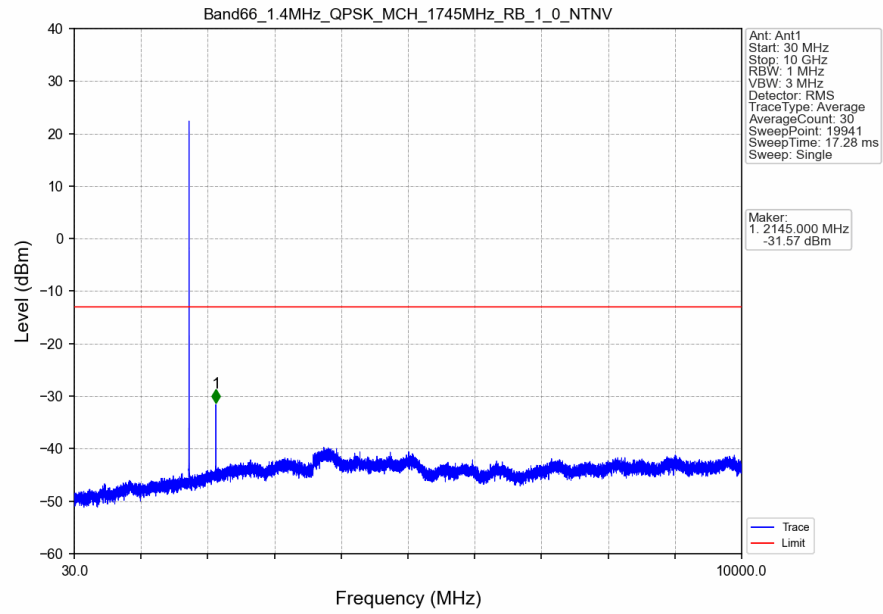
Band66 1.4MHz QPSK LCH 1710.7MHz RB 1 0 NTV



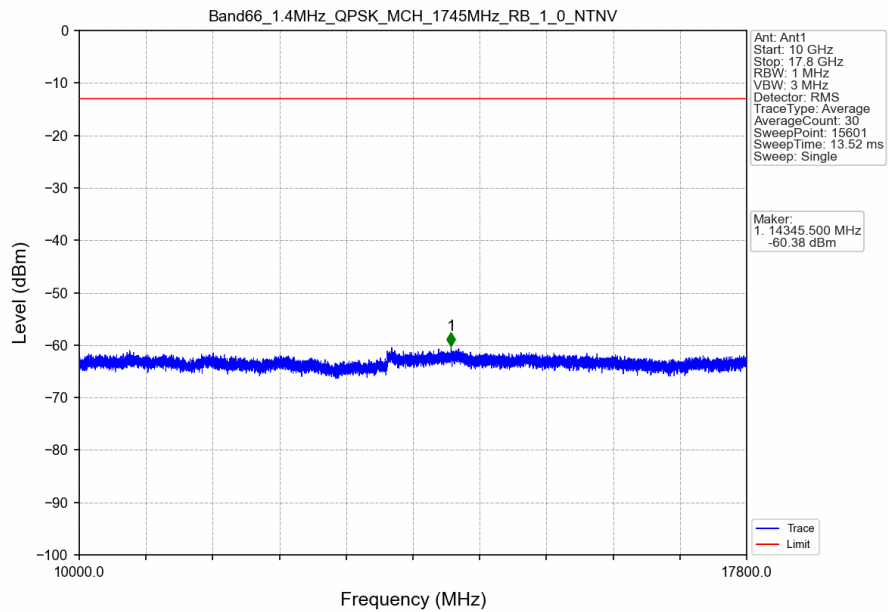
Band66 1.4MHz QPSK LCH 1710.7MHz RB 6 0 NTV



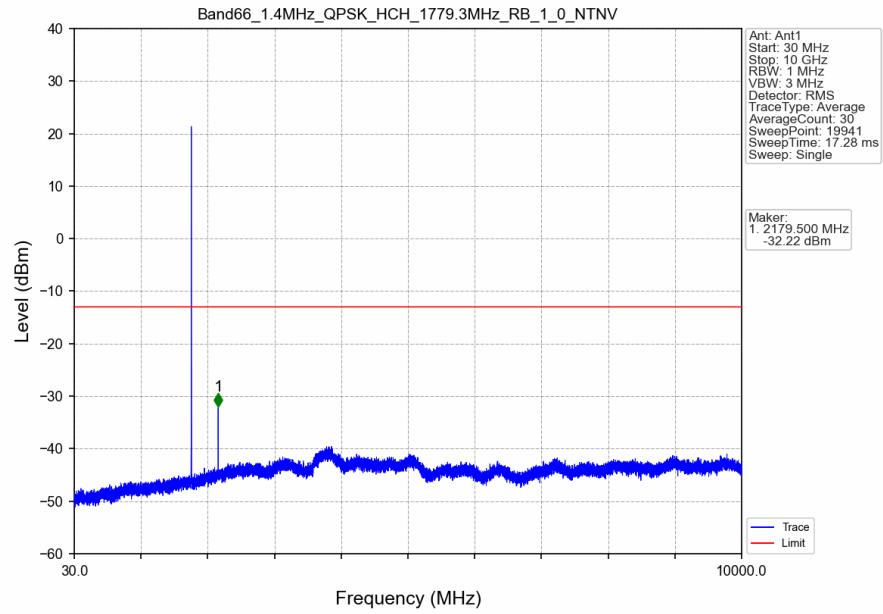
Band66_1.4MHz_QPSK_MCH_1745MHz_RB_1_0_NTNV



Band66_1.4MHz_QPSK_MCH_1745MHz_RB_1_0_NTNV



Band66 1.4MHz QPSK HCH 1779.3MHz RB 1 0 NTNV



Band66 1.4MHz QPSK HCH 1779.3MHz RB 1 0 NTNV

