

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	21.10	-1.03	20.07	<=30	Pass
			2	21.33	-1.03	20.30	<=30	Pass
			5	21.14	-1.03	20.11	<=30	Pass
		3	0	21.19	-1.03	20.16	<=30	Pass
			2	21.17	-1.03	20.14	<=30	Pass
			3	21.25	-1.03	20.22	<=30	Pass
		6	0	20.12	-1.03	19.09	<=30	Pass
	1745	1	0	21.34	-1.03	20.31	<=30	Pass
			2	21.58	-1.03	20.55	<=30	Pass
			5	21.34	-1.03	20.31	<=30	Pass
		3	0	21.33	-1.03	20.30	<=30	Pass
			2	21.22	-1.03	20.19	<=30	Pass
			3	21.07	-1.03	20.04	<=30	Pass
		6	0	18.06	-1.03	17.03	<=30	Pass
	1779.3	1	0	21.43	-1.03	20.40	<=30	Pass
			2	21.46	-1.03	20.43	<=30	Pass
			5	21.03	-1.03	20.00	<=30	Pass
		3	0	21.17	-1.03	20.14	<=30	Pass
			2	21.13	-1.03	20.10	<=30	Pass
			3	21.20	-1.03	20.17	<=30	Pass
		6	0	20.17	-1.03	19.14	<=30	Pass
16QAM	1710.7	1	0	20.44	-1.03	19.41	<=30	Pass
			2	20.64	-1.03	19.61	<=30	Pass
			5	20.40	-1.03	19.37	<=30	Pass
		3	0	20.20	-1.03	19.17	<=30	Pass
			2	20.15	-1.03	19.12	<=30	Pass
			3	20.21	-1.03	19.18	<=30	Pass
		6	0	19.17	-1.03	18.14	<=30	Pass
	1745	1	0	20.23	-1.03	19.20	<=30	Pass
			2	20.48	-1.03	19.45	<=30	Pass
			5	20.25	-1.03	19.22	<=30	Pass
		3	0	20.30	-1.03	19.27	<=30	Pass
			2	20.23	-1.03	19.20	<=30	Pass
			3	20.29	-1.03	19.26	<=30	Pass
		6	0	19.47	-1.03	18.44	<=30	Pass
	1779.3	1	0	20.04	-1.03	19.01	<=30	Pass
			2	20.22	-1.03	19.19	<=30	Pass
			5	20.02	-1.03	18.99	<=30	Pass
		3	0	20.21	-1.03	19.18	<=30	Pass
			2	20.15	-1.03	19.12	<=30	Pass
			3	20.23	-1.03	19.20	<=30	Pass
		6	0	19.51	-1.03	18.48	<=30	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.1.2 B66_3MHz_EIRP

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	18.78	-1.03	17.75	<=30	Pass
			7	18.68	-1.03	17.65	<=30	Pass
			14	18.81	-1.03	17.78	<=30	Pass
		8	0	17.77	-1.03	16.74	<=30	Pass
			4	17.73	-1.03	16.70	<=30	Pass
			7	17.73	-1.03	16.70	<=30	Pass
		15	0	17.70	-1.03	16.67	<=30	Pass
	1745	1	0	19.24	-1.03	18.21	<=30	Pass
			7	19.20	-1.03	18.17	<=30	Pass
			14	19.16	-1.03	18.13	<=30	Pass
		8	0	17.75	-1.03	16.72	<=30	Pass
			4	17.86	-1.03	16.83	<=30	Pass
			7	17.72	-1.03	16.69	<=30	Pass
		15	0	17.69	-1.03	16.66	<=30	Pass
	1778.5	1	0	19.08	-1.03	18.05	<=30	Pass
			7	18.97	-1.03	17.94	<=30	Pass
			14	19.06	-1.03	18.03	<=30	Pass
		8	0	18.08	-1.03	17.05	<=30	Pass
			4	18.09	-1.03	17.06	<=30	Pass
			7	18.05	-1.03	17.02	<=30	Pass
		15	0	18.07	-1.03	17.04	<=30	Pass
16QAM	1711.5	1	0	18.15	-1.03	17.12	<=30	Pass
			7	18.04	-1.03	17.01	<=30	Pass
			14	18.19	-1.03	17.16	<=30	Pass
		8	0	16.86	-1.03	15.83	<=30	Pass
			4	16.89	-1.03	15.86	<=30	Pass
			7	16.86	-1.03	15.83	<=30	Pass
		15	0	16.83	-1.03	15.80	<=30	Pass
	1745	1	0	17.69	-1.03	16.66	<=30	Pass
			7	17.62	-1.03	16.59	<=30	Pass
			14	17.74	-1.03	16.71	<=30	Pass
		8	0	16.78	-1.03	15.75	<=30	Pass
			4	16.83	-1.03	15.80	<=30	Pass
			7	16.75	-1.03	15.72	<=30	Pass
		15	0	16.80	-1.03	15.77	<=30	Pass
	1778.5	1	0	18.13	-1.03	17.10	<=30	Pass
			7	17.99	-1.03	16.96	<=30	Pass
			14	18.12	-1.03	17.09	<=30	Pass
		8	0	17.17	-1.03	16.14	<=30	Pass
			4	17.19	-1.03	16.16	<=30	Pass
			7	17.10	-1.03	16.07	<=30	Pass
		15	0	17.08	-1.03	16.05	<=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	20.93	-1.03	19.90	<=30	Pass
			13	21.02	-1.03	19.99	<=30	Pass
			24	20.90	-1.03	19.87	<=30	Pass
		12	0	19.99	-1.03	18.96	<=30	Pass
			6	20.09	-1.03	19.06	<=30	Pass
			13	20.06	-1.03	19.03	<=30	Pass

16QAM	1745	25	0	20.04	-1.03	19.01	<=30	Pass
		1	0	21.17	-1.03	20.14	<=30	Pass
			13	21.30	-1.03	20.27	<=30	Pass
			24	21.21	-1.03	20.18	<=30	Pass
		12	0	20.27	-1.03	19.24	<=30	Pass
			6	20.32	-1.03	19.29	<=30	Pass
			13	20.29	-1.03	19.26	<=30	Pass
		25	0	20.29	-1.03	19.26	<=30	Pass
	1777.5	1	0	21.37	-1.03	20.34	<=30	Pass
			13	21.55	-1.03	20.52	<=30	Pass
			24	21.43	-1.03	20.40	<=30	Pass
		12	0	20.56	-1.03	19.53	<=30	Pass
			6	20.59	-1.03	19.56	<=30	Pass
			13	20.50	-1.03	19.47	<=30	Pass
		25	0	20.56	-1.03	19.53	<=30	Pass
	1712.5	1	0	20.41	-1.03	19.38	<=30	Pass
			13	20.50	-1.03	19.47	<=30	Pass
			24	20.35	-1.03	19.32	<=30	Pass
		12	0	18.98	-1.03	17.95	<=30	Pass
			6	19.11	-1.03	18.08	<=30	Pass
			13	19.12	-1.03	18.09	<=30	Pass
		25	0	19.08	-1.03	18.05	<=30	Pass
	1745	1	0	20.31	-1.03	19.28	<=30	Pass
			13	20.47	-1.03	19.44	<=30	Pass
			24	20.35	-1.03	19.32	<=30	Pass
		12	0	19.28	-1.03	18.25	<=30	Pass
			6	19.38	-1.03	18.35	<=30	Pass
			13	19.34	-1.03	18.31	<=30	Pass
		25	0	19.32	-1.03	18.29	<=30	Pass
	1777.5	1	0	20.37	-1.03	19.34	<=30	Pass
			13	20.54	-1.03	19.51	<=30	Pass
			24	20.41	-1.03	19.38	<=30	Pass
		12	0	19.66	-1.03	18.63	<=30	Pass
			6	19.67	-1.03	18.64	<=30	Pass
			13	19.60	-1.03	18.57	<=30	Pass
		25	0	19.70	-1.03	18.67	<=30	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.1.4 B66_10MHz_EIRP

Band: 66 / Bandwidth: 10MHz / NTN								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1715	1	0	18.74	-1.03	17.71	<=30	Pass
			25	18.88	-1.03	17.85	<=30	Pass
			49	18.83	-1.03	17.80	<=30	Pass
		25	0	17.62	-1.03	16.59	<=30	Pass
			13	17.81	-1.03	16.78	<=30	Pass
			25	17.94	-1.03	16.91	<=30	Pass
		50	0	17.80	-1.03	16.77	<=30	Pass
	1745	1	0	19.09	-1.03	18.06	<=30	Pass
			25	19.27	-1.03	18.24	<=30	Pass
			49	19.17	-1.03	18.14	<=30	Pass
		25	0	18.27	-1.03	17.24	<=30	Pass
			13	18.23	-1.03	17.20	<=30	Pass
			25	18.25	-1.03	17.22	<=30	Pass
		50	0	18.23	-1.03	17.20	<=30	Pass

16QAM	1775	1	0	19.34	-1.03	18.31	<=30	Pass
			25	19.51	-1.03	18.48	<=30	Pass
			49	19.49	-1.03	18.46	<=30	Pass
		25	0	18.57	-1.03	17.54	<=30	Pass
			13	18.44	-1.03	17.41	<=30	Pass
			25	18.37	-1.03	17.34	<=30	Pass
		50	0	18.46	-1.03	17.43	<=30	Pass
	1715	1	0	17.69	-1.03	16.66	<=30	Pass
			25	17.73	-1.03	16.70	<=30	Pass
			49	17.75	-1.03	16.72	<=30	Pass
		12	0	17.65	-1.03	16.62	<=30	Pass
			19	17.74	-1.03	16.71	<=30	Pass
			38	17.84	-1.03	16.81	<=30	Pass
		27	0	16.68	-1.03	15.65	<=30	Pass
16QAM	1745	1	0	18.16	-1.03	17.13	<=30	Pass
			25	18.28	-1.03	17.25	<=30	Pass
			49	18.12	-1.03	17.09	<=30	Pass
		12	0	17.87	-1.03	16.84	<=30	Pass
			19	17.96	-1.03	16.93	<=30	Pass
			38	17.76	-1.03	16.73	<=30	Pass
		27	0	16.93	-1.03	15.90	<=30	Pass
	1775	1	0	18.66	-1.03	17.63	<=30	Pass
			25	18.83	-1.03	17.80	<=30	Pass
			49	18.85	-1.03	17.82	<=30	Pass
		12	0	18.41	-1.03	17.38	<=30	Pass
			19	18.42	-1.03	17.39	<=30	Pass
			38	18.42	-1.03	17.39	<=30	Pass
		27	23	17.45	-1.03	16.42	<=30	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.1.5 B66_15MHz_EIRP

Band: 66 / Bandwidth: 15MHz / NTN								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1717.5	1	0	18.55	-1.03	17.52	<=30	Pass
			38	18.75	-1.03	17.72	<=30	Pass
			74	18.76	-1.03	17.73	<=30	Pass
		36	0	17.60	-1.03	16.57	<=30	Pass
			18	17.77	-1.03	16.74	<=30	Pass
			39	17.85	-1.03	16.82	<=30	Pass
		75	0	17.77	-1.03	16.74	<=30	Pass
	1745	1	0	18.96	-1.03	17.93	<=30	Pass
			38	19.23	-1.03	18.20	<=30	Pass
			74	19.10	-1.03	18.07	<=30	Pass
		36	0	18.16	-1.03	17.13	<=30	Pass
			18	18.19	-1.03	17.16	<=30	Pass
			39	18.28	-1.03	17.25	<=30	Pass
		75	0	18.12	-1.03	17.09	<=30	Pass
	1772.5	1	0	19.26	-1.03	18.23	<=30	Pass
			38	19.28	-1.03	18.25	<=30	Pass
			74	19.07	-1.03	18.04	<=30	Pass
		36	0	18.42	-1.03	17.39	<=30	Pass
			18	18.42	-1.03	17.39	<=30	Pass
			39	18.34	-1.03	17.31	<=30	Pass
		75	0	18.43	-1.03	17.40	<=30	Pass
16QAM	1717.5	1	0	17.65	-1.03	16.62	<=30	Pass

			38	17.81	-1.03	16.78	<=30	Pass
			74	17.82	-1.03	16.79	<=30	Pass
		12	0	17.60	-1.03	16.57	<=30	Pass
			31	17.70	-1.03	16.67	<=30	Pass
			63	17.74	-1.03	16.71	<=30	Pass
			27	0	16.64	-1.03	15.61	<=30
		1745	1	0	17.72	-1.03	16.69	<=30
	38			17.97	-1.03	16.94	<=30	Pass
	74			17.59	-1.03	16.56	<=30	Pass
	12		0	17.57	-1.03	16.54	<=30	Pass
			31	17.75	-1.03	16.72	<=30	Pass
			63	17.70	-1.03	16.67	<=30	Pass
	27		0	16.70	-1.03	15.67	<=30	Pass
	1772.5	1	0	18.14	-1.03	17.11	<=30	Pass
			38	18.34	-1.03	17.31	<=30	Pass
			74	18.23	-1.03	17.20	<=30	Pass
		12	0	18.23	-1.03	17.20	<=30	Pass
			31	18.41	-1.03	17.38	<=30	Pass
			63	18.23	-1.03	17.20	<=30	Pass
		27	48	17.25	-1.03	16.22	<=30	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

Note1: EIRP=Conducted Power+Antenna Gain

1.1.6 B66_20MHz_EIRP

Band: 66 / Bandwidth: 20MHz / NTN								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1720	1	0	20.69	-1.03	19.66	<=30	Pass
			50	21.07	-1.03	20.04	<=30	Pass
			99	20.86	-1.03	19.83	<=30	Pass
		50	0	19.84	-1.03	18.81	<=30	Pass
			25	20.06	-1.03	19.03	<=30	Pass
			50	20.13	-1.03	19.10	<=30	Pass
		100	0	19.94	-1.03	18.91	<=30	Pass
			0	20.82	-1.03	19.79	<=30	Pass
			50	21.37	-1.03	20.34	<=30	Pass
		1	99	21.06	-1.03	20.03	<=30	Pass
			0	20.29	-1.03	19.26	<=30	Pass
			25	20.29	-1.03	19.26	<=30	Pass
16QAM	1745	50	50	20.35	-1.03	19.32	<=30	Pass
			0	20.29	-1.03	19.26	<=30	Pass
		100	0	21.08	-1.03	20.05	<=30	Pass
			50	21.52	-1.03	20.49	<=30	Pass
			99	21.27	-1.03	20.24	<=30	Pass
		1	0	20.37	-1.03	19.34	<=30	Pass
			25	20.48	-1.03	19.45	<=30	Pass
			50	20.34	-1.03	19.31	<=30	Pass
		50	0	20.30	-1.03	19.27	<=30	Pass
			0	20.19	-1.03	19.16	<=30	Pass
			50	20.51	-1.03	19.48	<=30	Pass
		1	99	20.28	-1.03	19.25	<=30	Pass
	1770	12	0	19.81	-1.03	18.78	<=30	Pass
			44	20.04	-1.03	19.01	<=30	Pass
			88	19.94	-1.03	18.91	<=30	Pass
		27	0	18.92	-1.03	17.89	<=30	Pass
			0	19.95	-1.03	18.92	<=30	Pass
			50	20.42	-1.03	19.39	<=30	Pass

		12	99	20.06	-1.03	19.03	<=30	Pass
			0	19.92	-1.03	18.89	<=30	Pass
			44	20.23	-1.03	19.20	<=30	Pass
			88	20.11	-1.03	19.08	<=30	Pass
	27	1	0	19.16	-1.03	18.13	<=30	Pass
			0	19.95	-1.03	18.92	<=30	Pass
			50	20.35	-1.03	19.32	<=30	Pass
			99	20.17	-1.03	19.14	<=30	Pass
	12	12	0	20.23	-1.03	19.20	<=30	Pass
			44	20.48	-1.03	19.45	<=30	Pass
			88	20.39	-1.03	19.36	<=30	Pass
			73	19.36	-1.03	18.33	<=30	Pass
	27	27	0	19.16	-1.03	18.13	<=30	Pass
			0	19.95	-1.03	18.92	<=30	Pass
			50	20.35	-1.03	19.32	<=30	Pass
			99	20.17	-1.03	19.14	<=30	Pass

Note1: EIRP=Conducted Power+Antenna Gain

2. Frequency Stability

2.1 Test Result

2.1.1 B66_1.4MHz

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	-12.517	-0.0073	-2.5 to 2.5	Pass
					3.85	-7.753	-0.0045	-2.5 to 2.5	Pass
					4.43	-1.731	-0.0010	-2.5 to 2.5	Pass
				-30	3.85	-10.571	-0.0062	-2.5 to 2.5	Pass
					3.85	1.774	0.0010	-2.5 to 2.5	Pass
					3.85	-11.802	-0.0069	-2.5 to 2.5	Pass
					3.85	-6.680	-0.0039	-2.5 to 2.5	Pass
					3.85	-3.920	-0.0023	-2.5 to 2.5	Pass
					3.85	2.575	0.0015	-2.5 to 2.5	Pass
					3.85	3.390	0.0020	-2.5 to 2.5	Pass
					3.85	-2.332	-0.0014	-2.5 to 2.5	Pass
					3.85	-3.977	-0.0023	-2.5 to 2.5	Pass
	1745	6	0	20	3.85	-1.445	-0.0008	-2.5 to 2.5	Pass
					4.43	-4.864	-0.0028	-2.5 to 2.5	Pass
					3.85	0.815	0.0005	-2.5 to 2.5	Pass
				-30	3.85	-0.458	-0.0003	-2.5 to 2.5	Pass
					3.85	1.616	0.0009	-2.5 to 2.5	Pass
					3.85	-7.725	-0.0044	-2.5 to 2.5	Pass
					3.85	-3.877	-0.0022	-2.5 to 2.5	Pass
					3.85	-8.926	-0.0051	-2.5 to 2.5	Pass
					3.85	-2.890	-0.0017	-2.5 to 2.5	Pass
					3.85	1.016	0.0006	-2.5 to 2.5	Pass
	1779.3	6	0	20	3.27	-7.782	-0.0044	-2.5 to 2.5	Pass
					3.85	-2.618	-0.0015	-2.5 to 2.5	Pass
					4.43	-6.723	-0.0038	-2.5 to 2.5	Pass
				-30	3.85	-1.545	-0.0009	-2.5 to 2.5	Pass
					3.85	-10.185	-0.0057	-2.5 to 2.5	Pass
					3.85	-6.838	-0.0038	-2.5 to 2.5	Pass
					3.85	-5.536	-0.0031	-2.5 to 2.5	Pass
					3.85	-3.090	-0.0017	-2.5 to 2.5	Pass
					3.85	-4.821	-0.0027	-2.5 to 2.5	Pass
					3.85	-2.818	-0.0016	-2.5 to 2.5	Pass
					3.85	1.731	0.0010	-2.5 to 2.5	Pass

16QAM	1710.7	6	0	20	3.27	-3.319	-0.0019	-2.5 to 2.5	Pass
					3.85	-1.945	-0.0011	-2.5 to 2.5	Pass
					4.43	-10.500	-0.0061	-2.5 to 2.5	Pass
				-30	3.85	-5.121	-0.0030	-2.5 to 2.5	Pass
				-20	3.85	-4.506	-0.0026	-2.5 to 2.5	Pass
				-10	3.85	-3.777	-0.0022	-2.5 to 2.5	Pass
				0	3.85	-3.262	-0.0019	-2.5 to 2.5	Pass
				10	3.85	-1.173	-0.0007	-2.5 to 2.5	Pass
				30	3.85	-6.766	-0.0040	-2.5 to 2.5	Pass
				40	3.85	0.544	0.0003	-2.5 to 2.5	Pass
				50	3.85	-7.939	-0.0046	-2.5 to 2.5	Pass
	1745	6	0	20	3.27	2.074	0.0012	-2.5 to 2.5	Pass
					3.85	0.887	0.0005	-2.5 to 2.5	Pass
					4.43	-5.951	-0.0034	-2.5 to 2.5	Pass
				-30	3.85	-4.020	-0.0023	-2.5 to 2.5	Pass
				-20	3.85	0.772	0.0004	-2.5 to 2.5	Pass
				-10	3.85	-5.422	-0.0031	-2.5 to 2.5	Pass
				0	3.85	2.761	0.0016	-2.5 to 2.5	Pass
				10	3.85	-5.322	-0.0030	-2.5 to 2.5	Pass
				30	3.85	2.117	0.0012	-2.5 to 2.5	Pass
				40	3.85	-4.263	-0.0024	-2.5 to 2.5	Pass
				50	3.85	-7.911	-0.0045	-2.5 to 2.5	Pass
	1779.3	6	0	20	3.27	-8.554	-0.0048	-2.5 to 2.5	Pass
					3.85	-2.661	-0.0015	-2.5 to 2.5	Pass
					4.43	-11.373	-0.0064	-2.5 to 2.5	Pass
				-30	3.85	-1.330	-0.0007	-2.5 to 2.5	Pass
				-20	3.85	-0.072	0.0000	-2.5 to 2.5	Pass
				-10	3.85	-8.111	-0.0046	-2.5 to 2.5	Pass
				0	3.85	3.991	0.0022	-2.5 to 2.5	Pass
				10	3.85	-4.106	-0.0023	-2.5 to 2.5	Pass
				30	3.85	-8.368	-0.0047	-2.5 to 2.5	Pass
				40	3.85	-8.054	-0.0045	-2.5 to 2.5	Pass
				50	3.85	0.100	0.0001	-2.5 to 2.5	Pass

2.1.2 B66_3MHz

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	-0.772	-0.0005	-2.5 to 2.5	Pass
					3.85	1.316	0.0008	-2.5 to 2.5	Pass
					4.43	-2.890	-0.0017	-2.5 to 2.5	Pass
				-30	3.85	4.306	0.0025	-2.5 to 2.5	Pass
				-20	3.85	-6.981	-0.0041	-2.5 to 2.5	Pass
				-10	3.85	-5.665	-0.0033	-2.5 to 2.5	Pass
				0	3.85	3.176	0.0019	-2.5 to 2.5	Pass
				10	3.85	0.215	0.0001	-2.5 to 2.5	Pass
				30	3.85	5.894	0.0034	-2.5 to 2.5	Pass
				40	3.85	-0.687	-0.0004	-2.5 to 2.5	Pass
				50	3.85	3.161	0.0018	-2.5 to 2.5	Pass
	1745	15	0	20	3.27	-8.912	-0.0051	-2.5 to 2.5	Pass
					3.85	4.277	0.0025	-2.5 to 2.5	Pass
					4.43	-7.067	-0.0040	-2.5 to 2.5	Pass
				-30	3.85	-1.345	-0.0008	-2.5 to 2.5	Pass
				-20	3.85	-4.606	-0.0026	-2.5 to 2.5	Pass
				-10	3.85	-3.805	-0.0022	-2.5 to 2.5	Pass
				0	3.85	0.916	0.0005	-2.5 to 2.5	Pass

				10	3.85	-9.727	-0.0056	-2.5 to 2.5	Pass
				30	3.85	-2.747	-0.0016	-2.5 to 2.5	Pass
				40	3.85	-2.689	-0.0015	-2.5 to 2.5	Pass
				50	3.85	-11.387	-0.0065	-2.5 to 2.5	Pass
	1778.5	15	0	20	3.27	-5.422	-0.0030	-2.5 to 2.5	Pass
					3.85	-12.088	-0.0068	-2.5 to 2.5	Pass
					4.43	-11.673	-0.0066	-2.5 to 2.5	Pass
				-30	3.85	3.219	0.0018	-2.5 to 2.5	Pass
				-20	3.85	-8.554	-0.0048	-2.5 to 2.5	Pass
				-10	3.85	-8.354	-0.0047	-2.5 to 2.5	Pass
				0	3.85	-10.200	-0.0057	-2.5 to 2.5	Pass
				10	3.85	-3.533	-0.0020	-2.5 to 2.5	Pass
				30	3.85	-2.975	-0.0017	-2.5 to 2.5	Pass
				40	3.85	1.087	0.0006	-2.5 to 2.5	Pass
				50	3.85	-12.846	-0.0072	-2.5 to 2.5	Pass
16QAM	1711.5	15	0	20	3.27	-7.811	-0.0046	-2.5 to 2.5	Pass
					3.85	-6.080	-0.0036	-2.5 to 2.5	Pass
					4.43	-7.224	-0.0042	-2.5 to 2.5	Pass
				-30	3.85	-0.501	-0.0003	-2.5 to 2.5	Pass
				-20	3.85	0.701	0.0004	-2.5 to 2.5	Pass
				-10	3.85	-10.858	-0.0063	-2.5 to 2.5	Pass
				0	3.85	-3.548	-0.0021	-2.5 to 2.5	Pass
				10	3.85	-0.815	-0.0005	-2.5 to 2.5	Pass
				30	3.85	-9.284	-0.0054	-2.5 to 2.5	Pass
				40	3.85	-1.373	-0.0008	-2.5 to 2.5	Pass
				50	3.85	2.546	0.0015	-2.5 to 2.5	Pass
	1745	15	0	20	3.27	-4.292	-0.0025	-2.5 to 2.5	Pass
					3.85	4.907	0.0028	-2.5 to 2.5	Pass
					4.43	2.174	0.0012	-2.5 to 2.5	Pass
				-30	3.85	0.014	0.0000	-2.5 to 2.5	Pass
				-20	3.85	-12.245	-0.0070	-2.5 to 2.5	Pass
				-10	3.85	-10.371	-0.0059	-2.5 to 2.5	Pass
				0	3.85	-6.638	-0.0038	-2.5 to 2.5	Pass
				10	3.85	-9.170	-0.0053	-2.5 to 2.5	Pass
				30	3.85	-18.811	-0.0108	-2.5 to 2.5	Pass
				40	3.85	-9.642	-0.0055	-2.5 to 2.5	Pass
				50	3.85	-11.401	-0.0065	-2.5 to 2.5	Pass
	1778.5	15	0	20	3.27	-1.559	-0.0009	-2.5 to 2.5	Pass
					3.85	-3.433	-0.0019	-2.5 to 2.5	Pass
					4.43	-2.060	-0.0012	-2.5 to 2.5	Pass
				-30	3.85	-9.384	-0.0053	-2.5 to 2.5	Pass
				-20	3.85	-10.872	-0.0061	-2.5 to 2.5	Pass
				-10	3.85	0.458	0.0003	-2.5 to 2.5	Pass
				0	3.85	-4.048	-0.0023	-2.5 to 2.5	Pass
				10	3.85	-1.001	-0.0006	-2.5 to 2.5	Pass
				30	3.85	-8.168	-0.0046	-2.5 to 2.5	Pass
				40	3.85	-2.804	-0.0016	-2.5 to 2.5	Pass
				50	3.85	1.373	0.0008	-2.5 to 2.5	Pass

2.1.3 B66_5MHz

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	-7.195	-0.0042	-2.5 to 2.5	Pass
					3.85	-6.123	-0.0036	-2.5 to 2.5	Pass
					4.43	-5.579	-0.0033	-2.5 to 2.5	Pass

				-30	3.85	-11.387	-0.0066	-2.5 to 2.5	Pass
				-20	3.85	-8.769	-0.0051	-2.5 to 2.5	Pass
				-10	3.85	-3.548	-0.0021	-2.5 to 2.5	Pass
				0	3.85	-7.367	-0.0043	-2.5 to 2.5	Pass
				10	3.85	-14.334	-0.0084	-2.5 to 2.5	Pass
				30	3.85	-4.034	-0.0024	-2.5 to 2.5	Pass
				40	3.85	-2.275	-0.0013	-2.5 to 2.5	Pass
				50	3.85	-5.922	-0.0035	-2.5 to 2.5	Pass
	1745	25	0	20	3.27	-5.980	-0.0034	-2.5 to 2.5	Pass
					3.85	-1.073	-0.0006	-2.5 to 2.5	Pass
					4.43	-7.110	-0.0041	-2.5 to 2.5	Pass
				-30	3.85	2.003	0.0011	-2.5 to 2.5	Pass
				-20	3.85	-9.069	-0.0052	-2.5 to 2.5	Pass
				-10	3.85	-7.582	-0.0043	-2.5 to 2.5	Pass
				0	3.85	-6.366	-0.0036	-2.5 to 2.5	Pass
				10	3.85	3.734	0.0021	-2.5 to 2.5	Pass
				30	3.85	-0.644	-0.0004	-2.5 to 2.5	Pass
				40	3.85	-12.159	-0.0070	-2.5 to 2.5	Pass
				50	3.85	-13.361	-0.0077	-2.5 to 2.5	Pass
	1777.5	25	0	20	3.27	-1.688	-0.0009	-2.5 to 2.5	Pass
					3.85	1.459	0.0008	-2.5 to 2.5	Pass
					4.43	-1.431	-0.0008	-2.5 to 2.5	Pass
				-30	3.85	1.931	0.0011	-2.5 to 2.5	Pass
				-20	3.85	-7.453	-0.0042	-2.5 to 2.5	Pass
				-10	3.85	-2.503	-0.0014	-2.5 to 2.5	Pass
				0	3.85	-0.987	-0.0006	-2.5 to 2.5	Pass
				10	3.85	-5.808	-0.0033	-2.5 to 2.5	Pass
				30	3.85	-0.029	0.0000	-2.5 to 2.5	Pass
				40	3.85	-2.546	-0.0014	-2.5 to 2.5	Pass
				50	3.85	-6.180	-0.0035	-2.5 to 2.5	Pass
16QAM	1712.5	25	0	20	3.27	-6.537	-0.0038	-2.5 to 2.5	Pass
					3.85	-7.067	-0.0041	-2.5 to 2.5	Pass
					4.43	-10.843	-0.0063	-2.5 to 2.5	Pass
				-30	3.85	1.988	0.0012	-2.5 to 2.5	Pass
				-20	3.85	0.286	0.0002	-2.5 to 2.5	Pass
				-10	3.85	-6.180	-0.0036	-2.5 to 2.5	Pass
				0	3.85	-9.542	-0.0056	-2.5 to 2.5	Pass
				10	3.85	-11.859	-0.0069	-2.5 to 2.5	Pass
				30	3.85	-0.472	-0.0003	-2.5 to 2.5	Pass
				40	3.85	-11.473	-0.0067	-2.5 to 2.5	Pass
				50	3.85	-4.220	-0.0025	-2.5 to 2.5	Pass
	1745	25	0	20	3.27	1.917	0.0011	-2.5 to 2.5	Pass
					3.85	-1.373	-0.0008	-2.5 to 2.5	Pass
					4.43	-4.706	-0.0027	-2.5 to 2.5	Pass
				-30	3.85	-9.270	-0.0053	-2.5 to 2.5	Pass
				-20	3.85	-1.431	-0.0008	-2.5 to 2.5	Pass
				-10	3.85	4.163	0.0024	-2.5 to 2.5	Pass
				0	3.85	-7.067	-0.0040	-2.5 to 2.5	Pass
				10	3.85	-7.610	-0.0044	-2.5 to 2.5	Pass
				30	3.85	-4.892	-0.0028	-2.5 to 2.5	Pass
				40	3.85	0.100	0.0001	-2.5 to 2.5	Pass
				50	3.85	-4.563	-0.0026	-2.5 to 2.5	Pass
	1777.5	25	0	20	3.27	-7.739	-0.0044	-2.5 to 2.5	Pass
					3.85	-9.584	-0.0054	-2.5 to 2.5	Pass
					4.43	-3.104	-0.0017	-2.5 to 2.5	Pass
				-30	3.85	-2.990	-0.0017	-2.5 to 2.5	Pass
				-20	3.85	-7.524	-0.0042	-2.5 to 2.5	Pass
				-10	3.85	-1.788	-0.0010	-2.5 to 2.5	Pass
				0	3.85	1.488	0.0008	-2.5 to 2.5	Pass

				10	3.85	3.991	0.0022	-2.5 to 2.5	Pass
				30	3.85	-2.332	-0.0013	-2.5 to 2.5	Pass
				40	3.85	0.815	0.0005	-2.5 to 2.5	Pass
				50	3.85	-5.078	-0.0029	-2.5 to 2.5	Pass

2.1.4 B66_10MHz

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	-9.456	-0.0055	-2.5 to 2.5	Pass
					3.85	-15.364	-0.0090	-2.5 to 2.5	Pass
					4.43	-8.311	-0.0048	-2.5 to 2.5	Pass
				-30	3.85	-13.690	-0.0080	-2.5 to 2.5	Pass
				-20	3.85	-7.925	-0.0046	-2.5 to 2.5	Pass
				-10	3.85	-8.211	-0.0048	-2.5 to 2.5	Pass
				0	3.85	-7.238	-0.0042	-2.5 to 2.5	Pass
				10	3.85	-2.904	-0.0017	-2.5 to 2.5	Pass
				30	3.85	-6.852	-0.0040	-2.5 to 2.5	Pass
				40	3.85	0.200	0.0001	-2.5 to 2.5	Pass
				50	3.85	-2.103	-0.0012	-2.5 to 2.5	Pass
	1745	50	0	20	3.27	-1.817	-0.0010	-2.5 to 2.5	Pass
					3.85	-9.298	-0.0053	-2.5 to 2.5	Pass
					4.43	-6.080	-0.0035	-2.5 to 2.5	Pass
				-30	3.85	2.589	0.0015	-2.5 to 2.5	Pass
				-20	3.85	3.676	0.0021	-2.5 to 2.5	Pass
				-10	3.85	-2.947	-0.0017	-2.5 to 2.5	Pass
				0	3.85	-9.971	-0.0057	-2.5 to 2.5	Pass
				10	3.85	1.659	0.0010	-2.5 to 2.5	Pass
				30	3.85	1.116	0.0006	-2.5 to 2.5	Pass
				40	3.85	-0.544	-0.0003	-2.5 to 2.5	Pass
				50	3.85	1.702	0.0010	-2.5 to 2.5	Pass
	1775	50	0	20	3.27	-7.310	-0.0041	-2.5 to 2.5	Pass
					3.85	-3.991	-0.0022	-2.5 to 2.5	Pass
					4.43	2.460	0.0014	-2.5 to 2.5	Pass
				-30	3.85	-4.120	-0.0023	-2.5 to 2.5	Pass
				-20	3.85	-6.852	-0.0039	-2.5 to 2.5	Pass
				-10	3.85	-3.934	-0.0022	-2.5 to 2.5	Pass
				0	3.85	-1.059	-0.0006	-2.5 to 2.5	Pass
				10	3.85	-4.048	-0.0023	-2.5 to 2.5	Pass
				30	3.85	-0.472	-0.0003	-2.5 to 2.5	Pass
				40	3.85	-1.030	-0.0006	-2.5 to 2.5	Pass
16QAM	1715	27	0	20	3.27	-16.122	-0.0094	-2.5 to 2.5	Pass
					3.85	-7.739	-0.0045	-2.5 to 2.5	Pass
					4.43	-0.043	0.0000	-2.5 to 2.5	Pass
				-30	3.85	0.615	0.0004	-2.5 to 2.5	Pass
				-20	3.85	-4.992	-0.0029	-2.5 to 2.5	Pass
				-10	3.85	-3.905	-0.0023	-2.5 to 2.5	Pass
				0	3.85	-11.802	-0.0069	-2.5 to 2.5	Pass
				10	3.85	2.103	0.0012	-2.5 to 2.5	Pass
				30	3.85	-5.836	-0.0034	-2.5 to 2.5	Pass
				40	3.85	2.861	0.0017	-2.5 to 2.5	Pass
				50	3.85	-2.346	-0.0014	-2.5 to 2.5	Pass
	1745	27	0	20	3.27	-0.458	-0.0003	-2.5 to 2.5	Pass
					3.85	-0.086	0.0000	-2.5 to 2.5	Pass
					4.43	-2.503	-0.0014	-2.5 to 2.5	Pass

				-30	3.85	-3.119	-0.0018	-2.5 to 2.5	Pass
				-20	3.85	0.873	0.0005	-2.5 to 2.5	Pass
				-10	3.85	-7.310	-0.0042	-2.5 to 2.5	Pass
				0	3.85	2.875	0.0016	-2.5 to 2.5	Pass
				10	3.85	-0.300	-0.0002	-2.5 to 2.5	Pass
				30	3.85	-6.795	-0.0039	-2.5 to 2.5	Pass
				40	3.85	0.701	0.0004	-2.5 to 2.5	Pass
				50	3.85	-3.734	-0.0021	-2.5 to 2.5	Pass
	1775	27	23	20	3.27	-2.103	-0.0012	-2.5 to 2.5	Pass
					3.85	-6.337	-0.0036	-2.5 to 2.5	Pass
					4.43	-9.785	-0.0055	-2.5 to 2.5	Pass
				-30	3.85	1.516	0.0009	-2.5 to 2.5	Pass
				-20	3.85	-13.118	-0.0074	-2.5 to 2.5	Pass
				-10	3.85	-7.896	-0.0044	-2.5 to 2.5	Pass
				0	3.85	-7.167	-0.0040	-2.5 to 2.5	Pass
				10	3.85	-5.765	-0.0032	-2.5 to 2.5	Pass
				30	3.85	-6.366	-0.0036	-2.5 to 2.5	Pass
				40	3.85	3.390	0.0019	-2.5 to 2.5	Pass
				50	3.85	-8.326	-0.0047	-2.5 to 2.5	Pass

2.1.5 B66_15MHz

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	-12.088	-0.0070	-2.5 to 2.5	Pass
					3.85	-6.080	-0.0035	-2.5 to 2.5	Pass
					4.43	-8.397	-0.0049	-2.5 to 2.5	Pass
				-30	3.85	0.315	0.0002	-2.5 to 2.5	Pass
				-20	3.85	-15.292	-0.0089	-2.5 to 2.5	Pass
				-10	3.85	-7.825	-0.0046	-2.5 to 2.5	Pass
				0	3.85	-8.869	-0.0052	-2.5 to 2.5	Pass
				10	3.85	-10.843	-0.0063	-2.5 to 2.5	Pass
				30	3.85	-6.766	-0.0039	-2.5 to 2.5	Pass
				40	3.85	-9.427	-0.0055	-2.5 to 2.5	Pass
				50	3.85	-6.952	-0.0040	-2.5 to 2.5	Pass
	1745	75	0	20	3.27	-6.008	-0.0034	-2.5 to 2.5	Pass
					3.85	-5.651	-0.0032	-2.5 to 2.5	Pass
					4.43	-2.832	-0.0016	-2.5 to 2.5	Pass
				-30	3.85	-2.933	-0.0017	-2.5 to 2.5	Pass
				-20	3.85	-7.124	-0.0041	-2.5 to 2.5	Pass
				-10	3.85	-6.037	-0.0035	-2.5 to 2.5	Pass
				0	3.85	-7.753	-0.0044	-2.5 to 2.5	Pass
				10	3.85	-7.381	-0.0042	-2.5 to 2.5	Pass
				30	3.85	-1.917	-0.0011	-2.5 to 2.5	Pass
				40	3.85	-2.246	-0.0013	-2.5 to 2.5	Pass
				50	3.85	-6.108	-0.0035	-2.5 to 2.5	Pass
	1772.5	75	0	20	3.27	-9.542	-0.0054	-2.5 to 2.5	Pass
					3.85	-8.283	-0.0047	-2.5 to 2.5	Pass
					4.43	-4.721	-0.0027	-2.5 to 2.5	Pass
				-30	3.85	-4.077	-0.0023	-2.5 to 2.5	Pass
				-20	3.85	-1.945	-0.0011	-2.5 to 2.5	Pass
				-10	3.85	-7.195	-0.0041	-2.5 to 2.5	Pass
				0	3.85	-4.234	-0.0024	-2.5 to 2.5	Pass
				10	3.85	-4.435	-0.0025	-2.5 to 2.5	Pass
				30	3.85	-5.693	-0.0032	-2.5 to 2.5	Pass
				40	3.85	-4.606	-0.0026	-2.5 to 2.5	Pass

16QAM	1717.5	27	0	50	3.85	-5.307	-0.0030	-2.5 to 2.5	Pass
				20	3.27	-10.815	-0.0063	-2.5 to 2.5	Pass
					3.85	-6.123	-0.0036	-2.5 to 2.5	Pass
					4.43	-5.708	-0.0033	-2.5 to 2.5	Pass
				-30	3.85	-4.134	-0.0024	-2.5 to 2.5	Pass
				-20	3.85	-4.807	-0.0028	-2.5 to 2.5	Pass
				-10	3.85	-1.931	-0.0011	-2.5 to 2.5	Pass
				0	3.85	-2.618	-0.0015	-2.5 to 2.5	Pass
				10	3.85	-13.089	-0.0076	-2.5 to 2.5	Pass
				30	3.85	-11.845	-0.0069	-2.5 to 2.5	Pass
	1745	27	0	40	3.85	-7.167	-0.0042	-2.5 to 2.5	Pass
				50	3.85	-3.004	-0.0017	-2.5 to 2.5	Pass
				20	3.27	-11.044	-0.0063	-2.5 to 2.5	Pass
					3.85	-2.003	-0.0011	-2.5 to 2.5	Pass
					4.43	-10.872	-0.0062	-2.5 to 2.5	Pass
				-30	3.85	-6.080	-0.0035	-2.5 to 2.5	Pass
				-20	3.85	-7.210	-0.0041	-2.5 to 2.5	Pass
				-10	3.85	-0.672	-0.0004	-2.5 to 2.5	Pass
				0	3.85	-6.895	-0.0040	-2.5 to 2.5	Pass
				10	3.85	-11.244	-0.0064	-2.5 to 2.5	Pass
	1772.5	27	48	30	3.85	-0.415	-0.0002	-2.5 to 2.5	Pass
				40	3.85	2.747	0.0016	-2.5 to 2.5	Pass
				50	3.85	-4.821	-0.0028	-2.5 to 2.5	Pass
				20	3.27	-7.596	-0.0043	-2.5 to 2.5	Pass
					3.85	-6.366	-0.0036	-2.5 to 2.5	Pass
					4.43	-9.599	-0.0054	-2.5 to 2.5	Pass
				-30	3.85	-9.856	-0.0056	-2.5 to 2.5	Pass
				-20	3.85	-8.082	-0.0046	-2.5 to 2.5	Pass
				-10	3.85	-6.952	-0.0039	-2.5 to 2.5	Pass
				0	3.85	-9.141	-0.0052	-2.5 to 2.5	Pass
				10	3.85	-9.127	-0.0051	-2.5 to 2.5	Pass
				30	3.85	-4.678	-0.0026	-2.5 to 2.5	Pass
				40	3.85	-15.035	-0.0085	-2.5 to 2.5	Pass
				50	3.85	-1.903	-0.0011	-2.5 to 2.5	Pass

2.1.6 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	3.27	-8.411	-0.0049	-2.5 to 2.5	Pass
					3.85	-2.418	-0.0014	-2.5 to 2.5	Pass
					4.43	-3.462	-0.0020	-2.5 to 2.5	Pass
				-30	3.85	-7.324	-0.0043	-2.5 to 2.5	Pass
				-20	3.85	-1.702	-0.0010	-2.5 to 2.5	Pass
				-10	3.85	-4.535	-0.0026	-2.5 to 2.5	Pass
				0	3.85	-8.168	-0.0047	-2.5 to 2.5	Pass
				10	3.85	-1.044	-0.0006	-2.5 to 2.5	Pass
				30	3.85	-5.207	-0.0030	-2.5 to 2.5	Pass
				40	3.85	-5.865	-0.0034	-2.5 to 2.5	Pass
	1745	100	0	50	3.85	-6.037	-0.0035	-2.5 to 2.5	Pass
				20	3.27	-7.668	-0.0044	-2.5 to 2.5	Pass
					3.85	-4.935	-0.0028	-2.5 to 2.5	Pass
					4.43	-6.766	-0.0039	-2.5 to 2.5	Pass
				-30	3.85	-1.287	-0.0007	-2.5 to 2.5	Pass
				-20	3.85	-1.216	-0.0007	-2.5 to 2.5	Pass
				-10	3.85	0.172	0.0001	-2.5 to 2.5	Pass

				0	3.85	-4.892	-0.0028	-2.5 to 2.5	Pass
				10	3.85	-6.323	-0.0036	-2.5 to 2.5	Pass
				30	3.85	-2.003	-0.0011	-2.5 to 2.5	Pass
				40	3.85	-5.779	-0.0033	-2.5 to 2.5	Pass
				50	3.85	-5.937	-0.0034	-2.5 to 2.5	Pass
	1770	100	0	20	3.27	-7.467	-0.0042	-2.5 to 2.5	Pass
					3.85	-7.854	-0.0044	-2.5 to 2.5	Pass
					4.43	-4.063	-0.0023	-2.5 to 2.5	Pass
				-30	3.85	-2.375	-0.0013	-2.5 to 2.5	Pass
				-20	3.85	-2.561	-0.0014	-2.5 to 2.5	Pass
				-10	3.85	-0.987	-0.0006	-2.5 to 2.5	Pass
				0	3.85	1.130	0.0006	-2.5 to 2.5	Pass
				10	3.85	-5.608	-0.0032	-2.5 to 2.5	Pass
				30	3.85	-5.608	-0.0032	-2.5 to 2.5	Pass
				40	3.85	-4.864	-0.0027	-2.5 to 2.5	Pass
				50	3.85	-3.777	-0.0021	-2.5 to 2.5	Pass
16QAM	1720	27	0	20	3.27	-2.947	-0.0017	-2.5 to 2.5	Pass
					3.85	1.817	0.0011	-2.5 to 2.5	Pass
					4.43	-6.952	-0.0040	-2.5 to 2.5	Pass
				-30	3.85	-10.829	-0.0063	-2.5 to 2.5	Pass
				-20	3.85	-5.164	-0.0030	-2.5 to 2.5	Pass
				-10	3.85	-7.052	-0.0041	-2.5 to 2.5	Pass
				0	3.85	-11.301	-0.0066	-2.5 to 2.5	Pass
				10	3.85	-6.495	-0.0038	-2.5 to 2.5	Pass
				30	3.85	2.317	0.0013	-2.5 to 2.5	Pass
				40	3.85	-15.192	-0.0088	-2.5 to 2.5	Pass
				50	3.85	-2.017	-0.0012	-2.5 to 2.5	Pass
	1745	27	0	20	3.27	-0.973	-0.0006	-2.5 to 2.5	Pass
					3.85	-6.194	-0.0035	-2.5 to 2.5	Pass
					4.43	0.372	0.0002	-2.5 to 2.5	Pass
				-30	3.85	-6.194	-0.0035	-2.5 to 2.5	Pass
				-20	3.85	-1.717	-0.0010	-2.5 to 2.5	Pass
				-10	3.85	0.172	0.0001	-2.5 to 2.5	Pass
				0	3.85	-10.014	-0.0057	-2.5 to 2.5	Pass
				10	3.85	0.229	0.0001	-2.5 to 2.5	Pass
				30	3.85	-4.964	-0.0028	-2.5 to 2.5	Pass
				40	3.85	-11.401	-0.0065	-2.5 to 2.5	Pass
				50	3.85	-10.829	-0.0062	-2.5 to 2.5	Pass
	1770	27	73	20	3.27	1.302	0.0007	-2.5 to 2.5	Pass
					3.85	-5.736	-0.0032	-2.5 to 2.5	Pass
					4.43	-9.999	-0.0056	-2.5 to 2.5	Pass
				-30	3.85	-7.768	-0.0044	-2.5 to 2.5	Pass
				-20	3.85	-4.792	-0.0027	-2.5 to 2.5	Pass
				-10	3.85	-5.035	-0.0028	-2.5 to 2.5	Pass
				0	3.85	-3.290	-0.0019	-2.5 to 2.5	Pass
				10	3.85	-3.204	-0.0018	-2.5 to 2.5	Pass
				30	3.85	-2.604	-0.0015	-2.5 to 2.5	Pass
				40	3.85	-3.304	-0.0019	-2.5 to 2.5	Pass
				50	3.85	-3.734	-0.0021	-2.5 to 2.5	Pass

3. Modulation Characteristics

3.1 Test Result

3.1.1 B66_1.4MHz

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 B66_3MHz

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

3.1.3 B66_5MHz

Band: 66 / Bandwidth: 5MHz / NTV						
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

3.1.4 B66_10MHz

Band: 66 / Bandwidth: 10MHz / NTVN						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1745	50	0	Refer To Test Graph		Pass
16QAM	1745	27	0	Refer To Test Graph		Pass

3.1.5 B66_15MHz

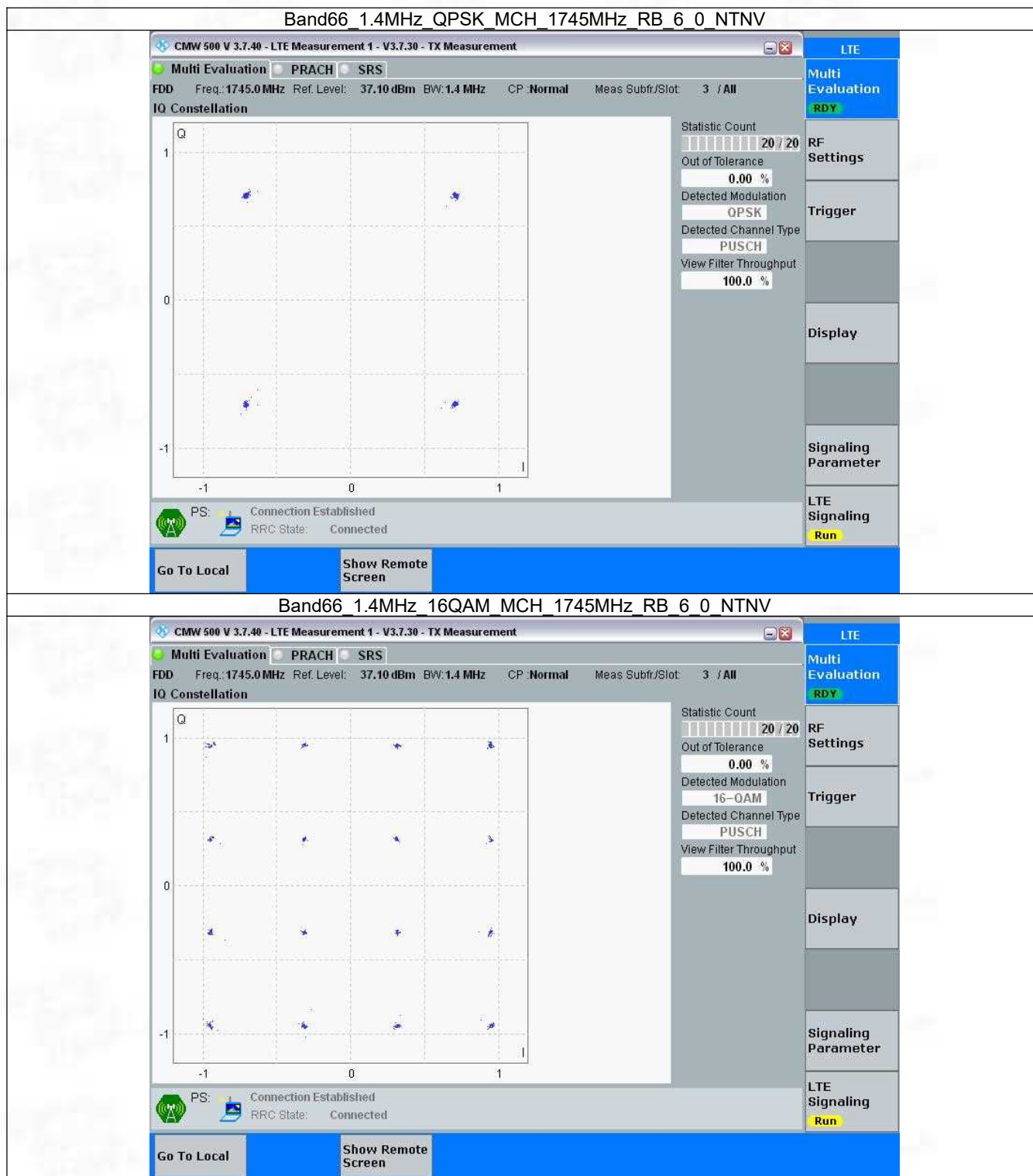
Band: 66 / Bandwidth: 15MHz / NTVN						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1745	75	0	Refer To Test Graph		Pass
16QAM	1745	27	0	Refer To Test Graph		Pass

3.1.6 B66_20MHz

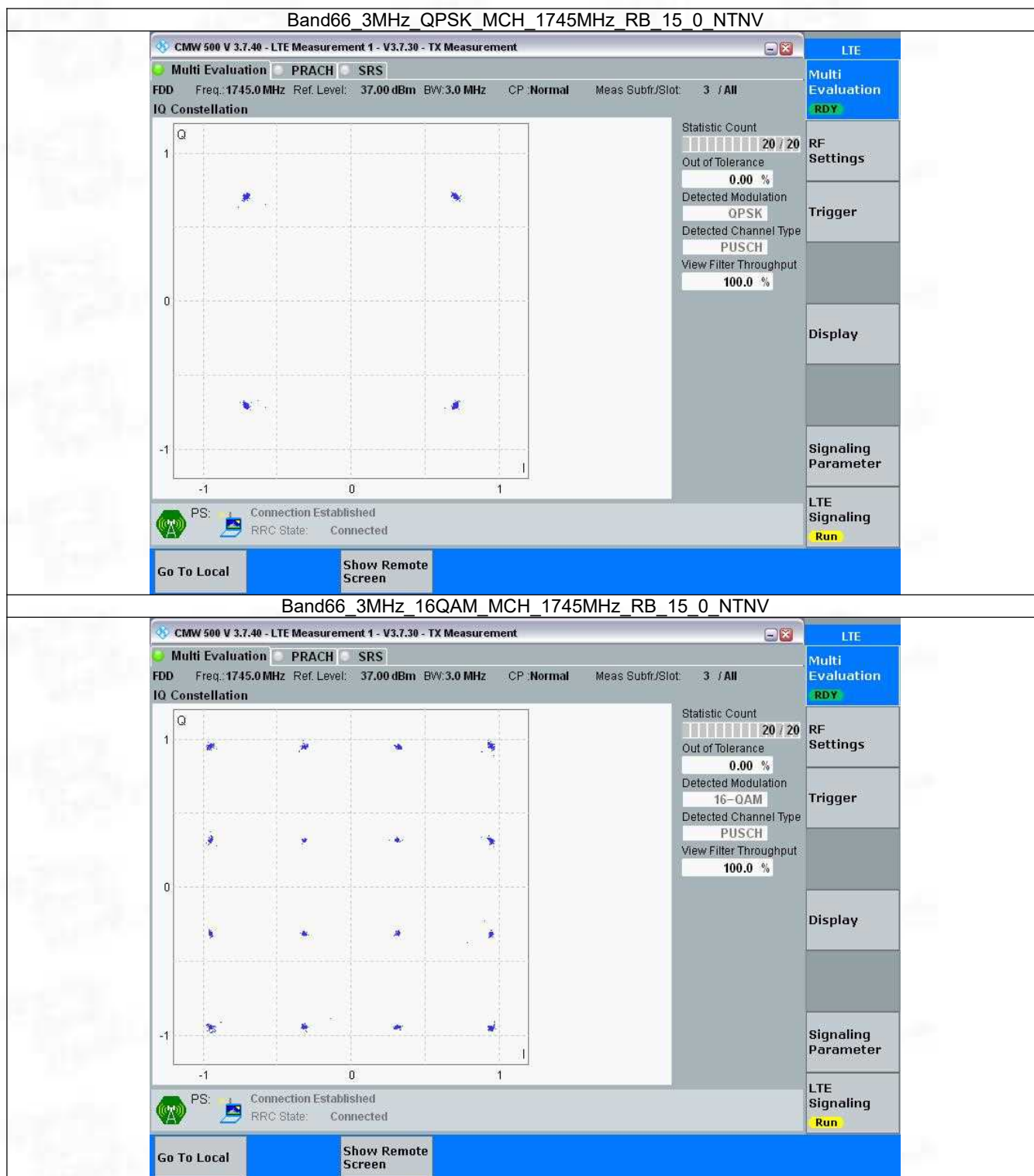
Band: 66 / Bandwidth: 20MHz / NTVN						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1745	100	0	Refer To Test Graph		Pass
16QAM	1745	27	0	Refer To Test Graph		Pass

3.2 Test Graph

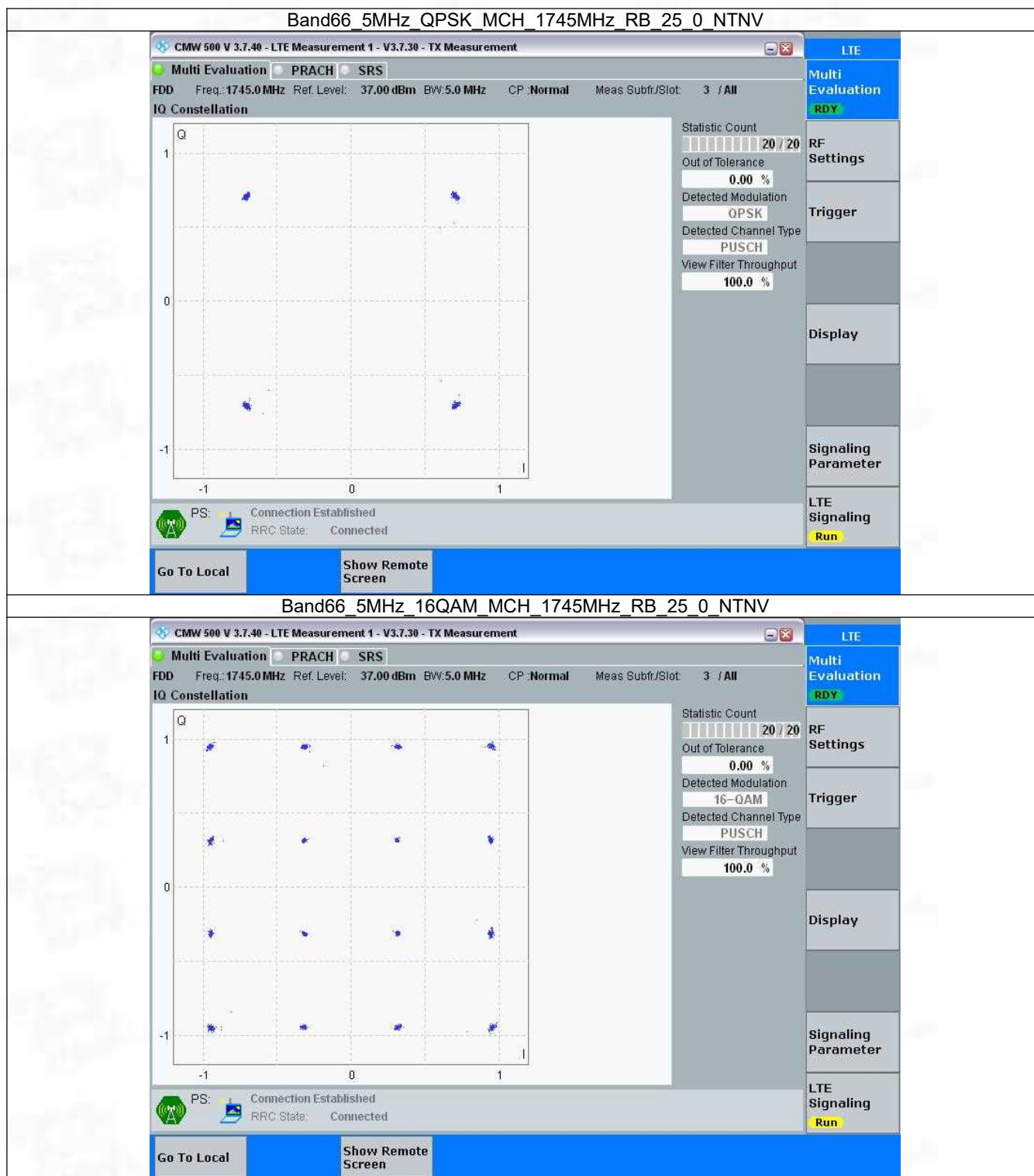
3.2.1 B66_1.4MHz



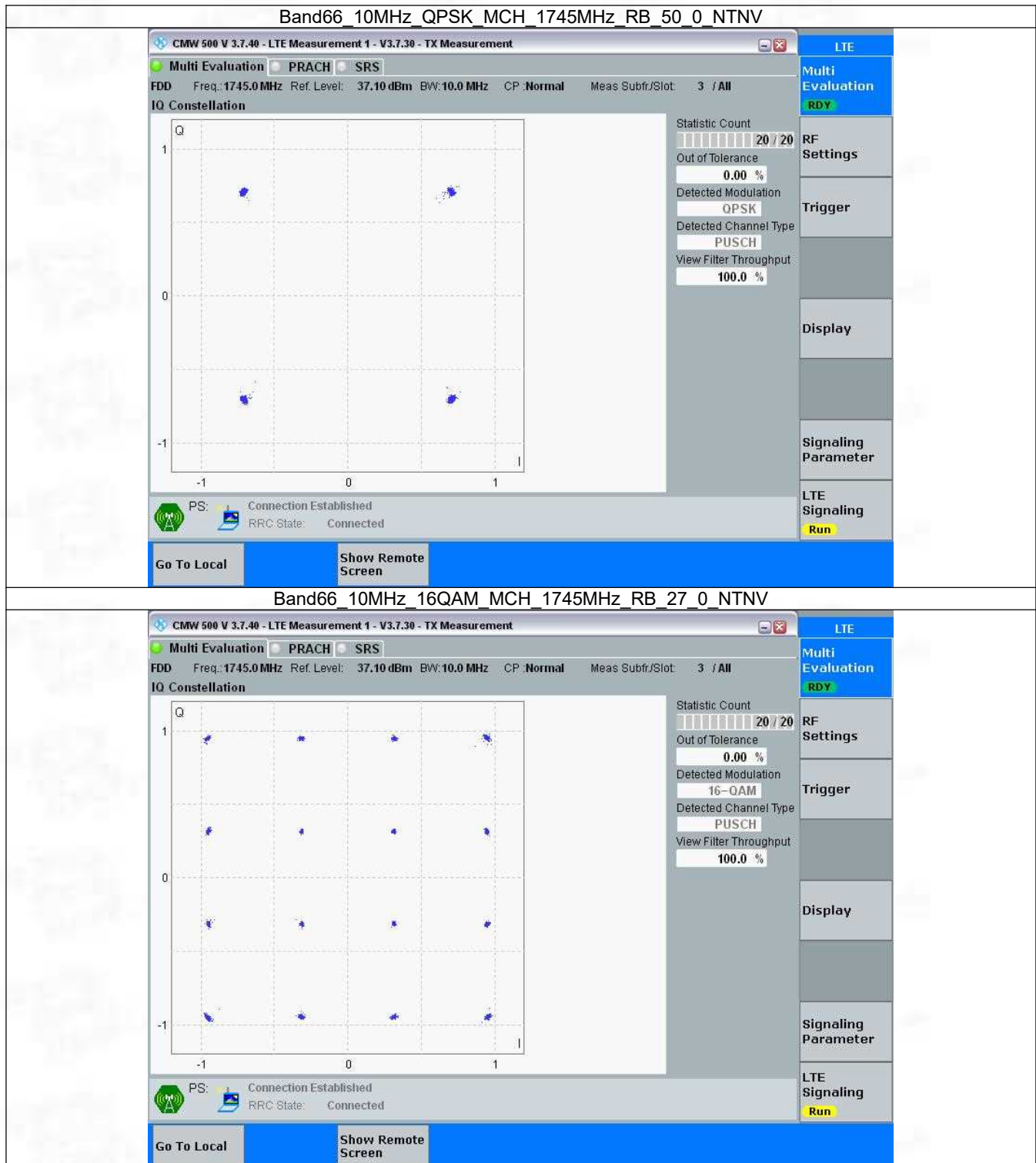
3.2.2 B66_3MHz



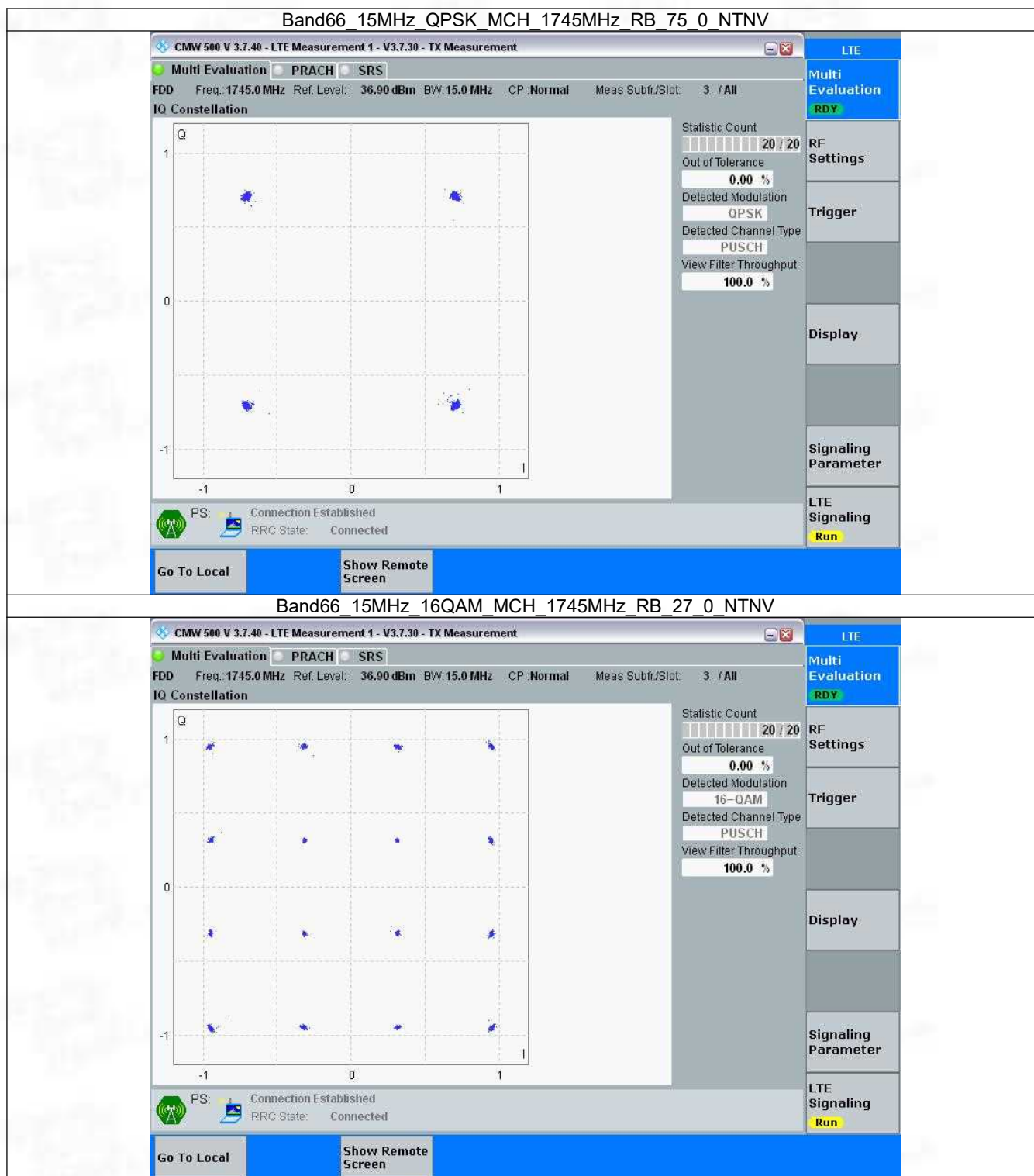
3.2.3 B66_5MHz



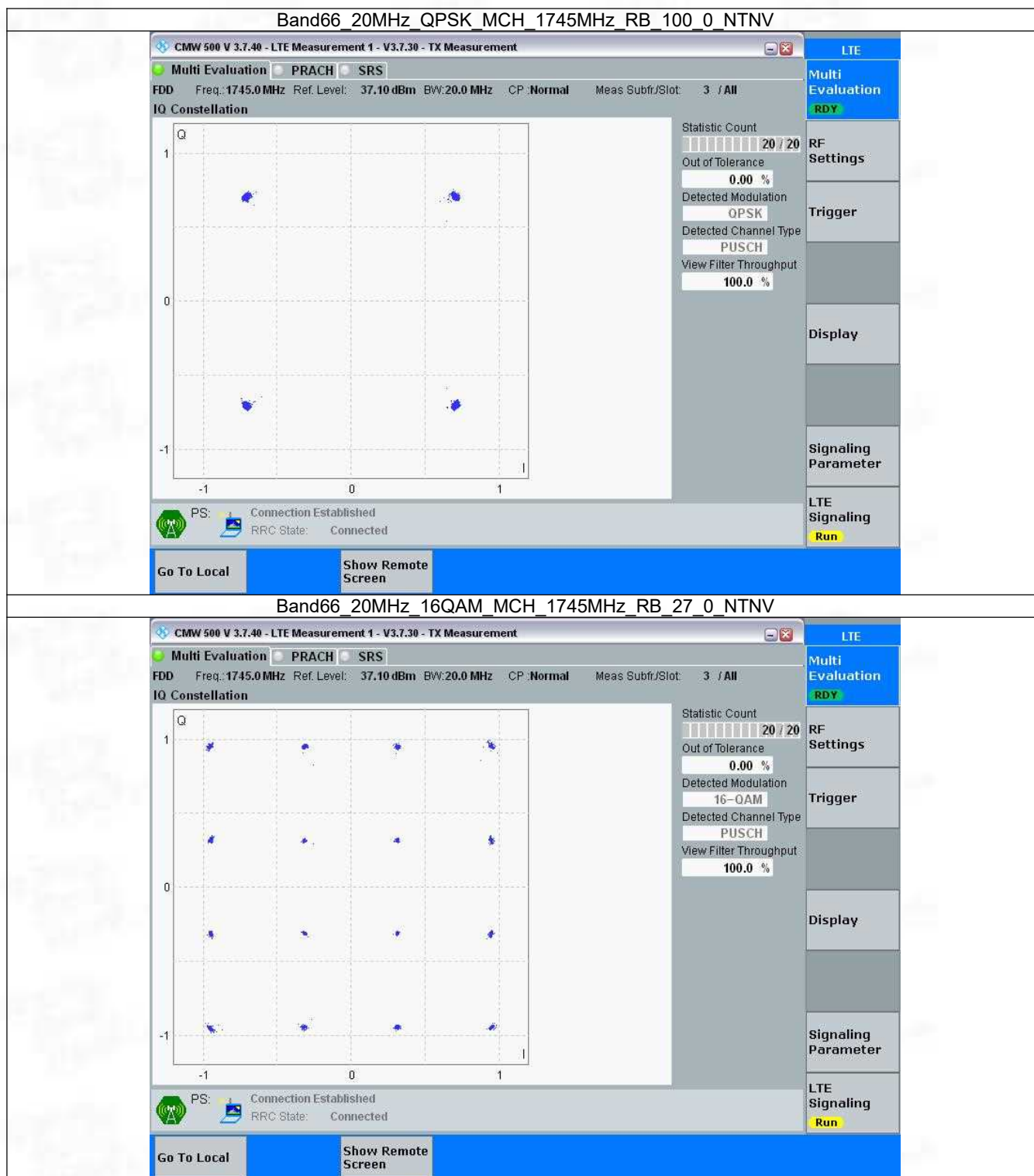
3.2.4 B66_10MHz



3.2.5 B66_15MHz



3.2.6 B66_20MHz



4. 99% & 26dB Bandwidth

4.1 Test Result

4.1.1 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	1.112	/	Pass
		1745	6	0	1.113	/	Pass
		1779.3	6	0	1.103	/	Pass
	16QAM	1710.7	6	0	1.116	/	Pass
		1745	6	0	1.098	/	Pass
		1779.3	6	0	1.120	/	Pass
3	QPSK	1711.5	15	0	2.727	/	Pass
		1745	15	0	2.721	/	Pass
		1778.5	15	0	2.724	/	Pass
	16QAM	1711.5	15	0	2.729	/	Pass
		1745	15	0	2.722	/	Pass
		1778.5	15	0	2.719	/	Pass
5	QPSK	1712.5	25	0	4.562	/	Pass
		1745	25	0	4.562	/	Pass
		1777.5	25	0	4.593	/	Pass
	16QAM	1712.5	25	0	4.564	/	Pass
		1745	25	0	4.580	/	Pass
		1777.5	25	0	4.557	/	Pass
10	QPSK	1715	50	0	9.071	/	Pass
		1745	50	0	9.058	/	Pass
		1775	50	0	9.087	/	Pass
	16QAM	1715	27	0	5.109	/	Pass
		1745	27	0	5.092	/	Pass
		1775	27	23	5.136	/	Pass
15	QPSK	1717.5	75	0	13.579	/	Pass
		1745	75	0	13.621	/	Pass
		1772.5	75	0	13.659	/	Pass
	16QAM	1717.5	27	0	5.414	/	Pass
		1745	27	0	5.396	/	Pass
		1772.5	27	48	5.380	/	Pass
20	QPSK	1720	100	0	18.082	/	Pass
		1745	100	0	18.152	/	Pass
		1770	100	0	18.162	/	Pass
	16QAM	1720	27	0	5.597	/	Pass
		1745	27	0	5.642	/	Pass
		1770	27	73	5.651	/	Pass

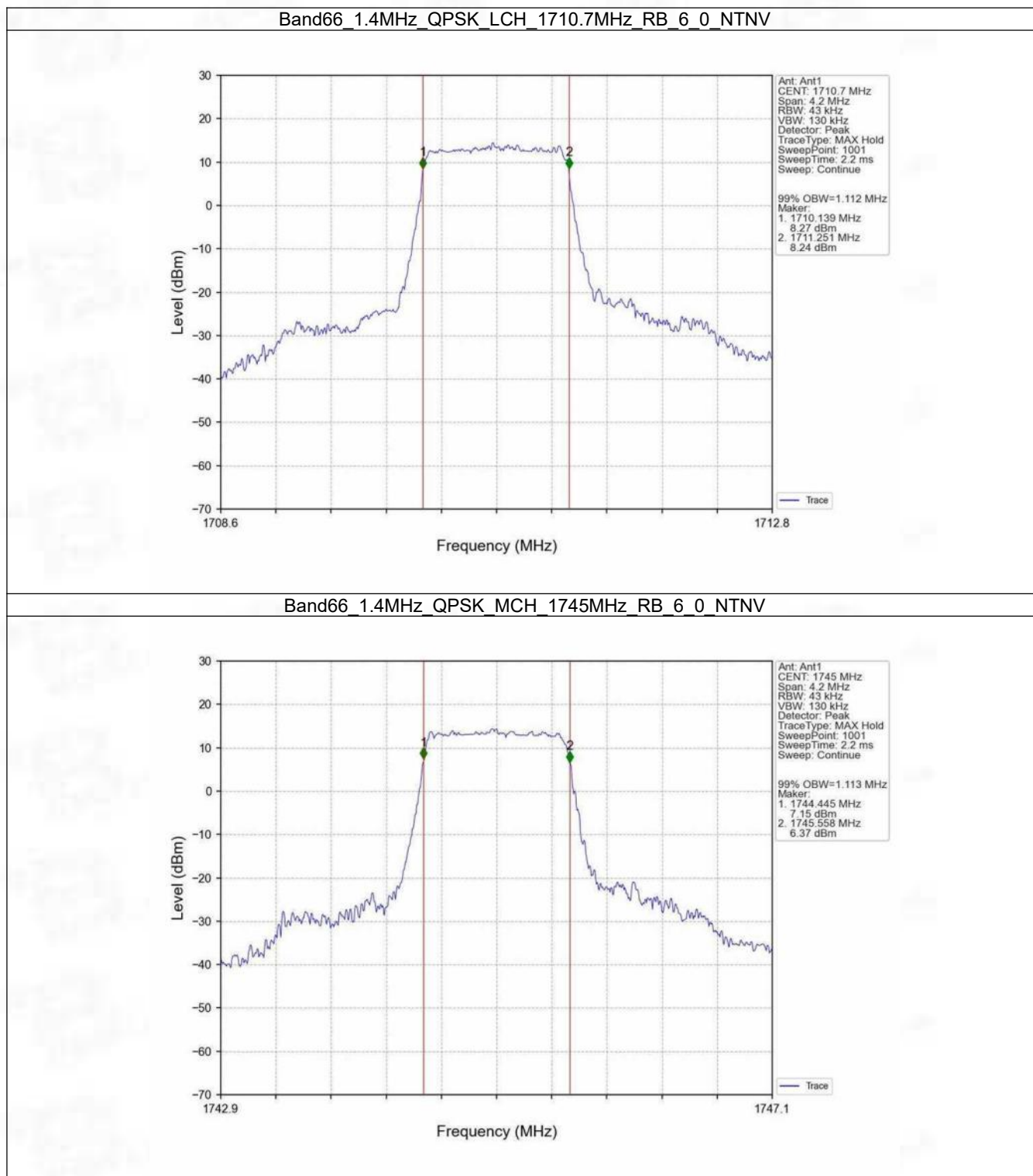
4.1.2 Band66_XDB

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	1.313	/	Pass
		1745	6	0	1.329	/	Pass
		1779.3	6	0	1.323	/	Pass

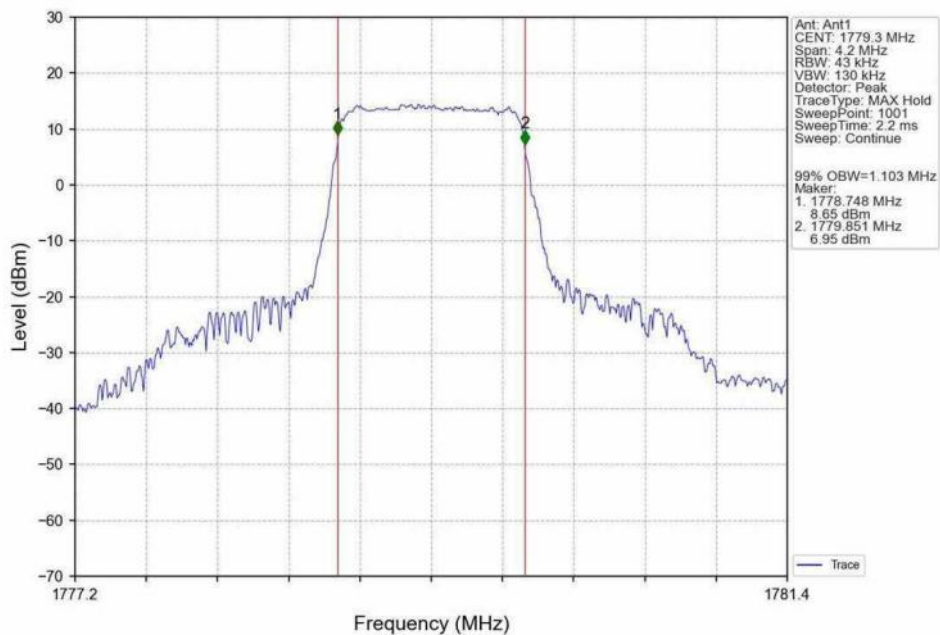
	16QAM	1710.7	6	0	1.322	/	Pass
		1745	6	0	1.300	/	Pass
		1779.3	6	0	1.339	/	Pass
3	QPSK	1711.5	15	0	2.997	/	Pass
		1745	15	0	2.976	/	Pass
		1778.5	15	0	2.989	/	Pass
	16QAM	1711.5	15	0	3.182	/	Pass
		1745	15	0	2.991	/	Pass
		1778.5	15	0	3.113	/	Pass
5	QPSK	1712.5	25	0	5.295	/	Pass
		1745	25	0	5.254	/	Pass
		1777.5	25	0	5.249	/	Pass
	16QAM	1712.5	25	0	5.291	/	Pass
		1745	25	0	5.275	/	Pass
		1777.5	25	0	5.199	/	Pass
10	QPSK	1715	50	0	10.217	/	Pass
		1745	50	0	10.211	/	Pass
		1775	50	0	10.361	/	Pass
	16QAM	1715	27	0	6.301	/	Pass
		1745	27	0	6.282	/	Pass
		1775	27	23	6.292	/	Pass
15	QPSK	1717.5	75	0	15.212	/	Pass
		1745	75	0	15.366	/	Pass
		1772.5	75	0	15.490	/	Pass
	16QAM	1717.5	27	0	6.879	/	Pass
		1745	27	0	6.886	/	Pass
		1772.5	27	48	6.942	/	Pass
20	QPSK	1720	100	0	20.012	/	Pass
		1745	100	0	19.976	/	Pass
		1770	100	0	19.945	/	Pass
	16QAM	1720	27	0	7.704	/	Pass
		1745	27	0	7.076	/	Pass
		1770	27	73	7.210	/	Pass

4.2 Test Graph

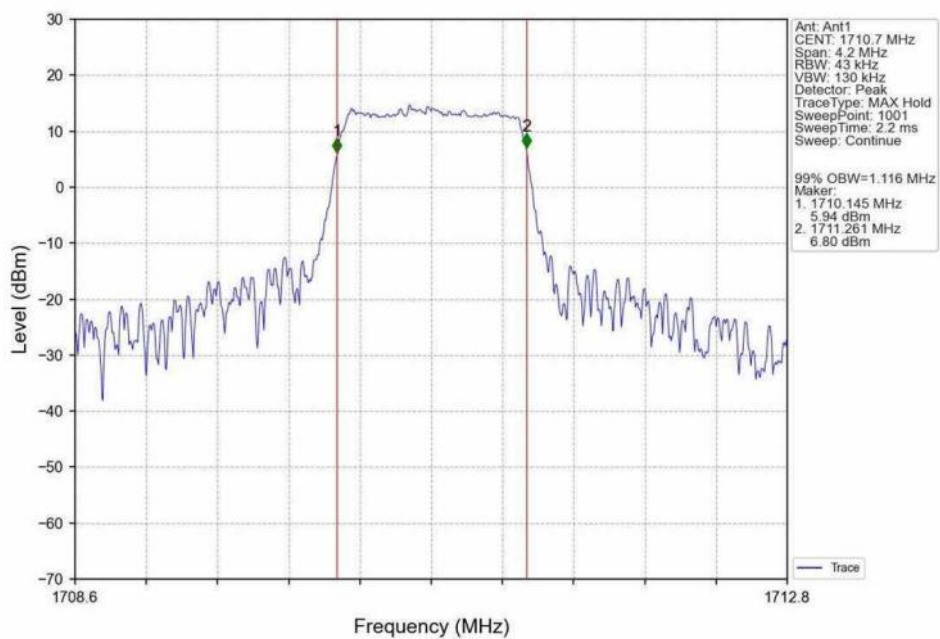
4.2.1 Band66_OBW



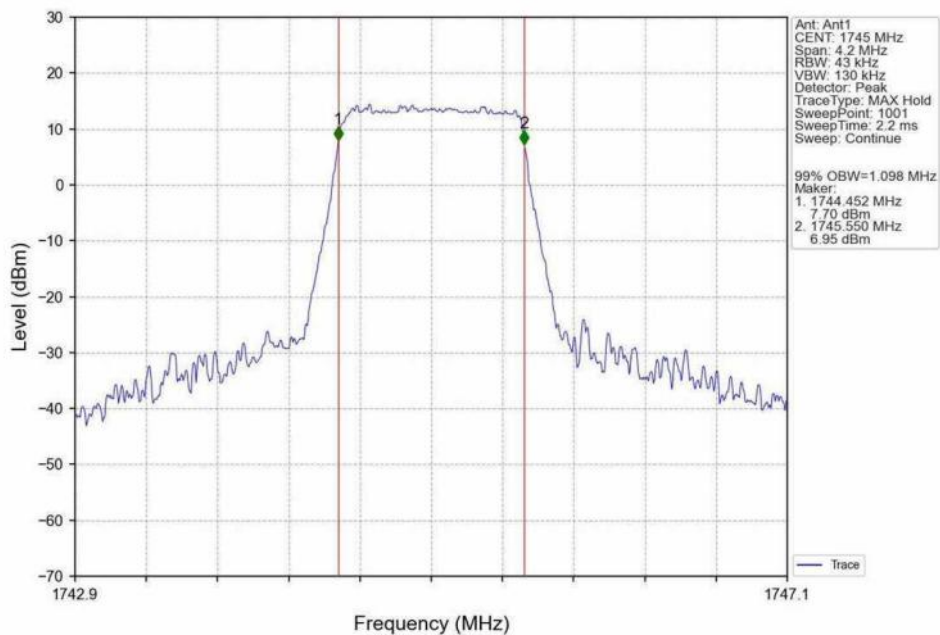
Band66_1.4MHz_QPSK_HCH_1779.3MHz_RB_6_0_NTNV



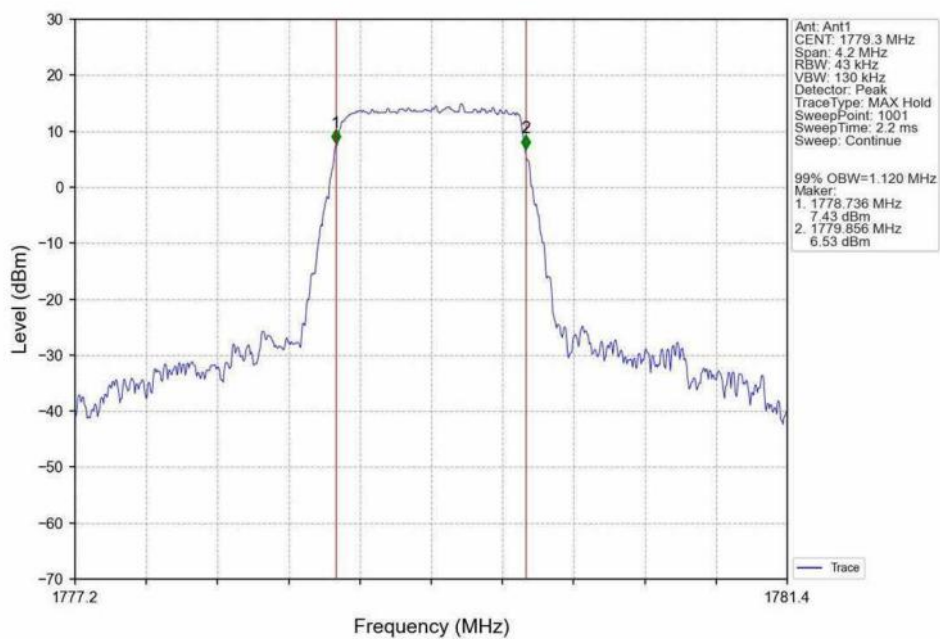
Band66_1.4MHz_16QAM_LCH_1710.7MHz_RB_6_0_NTNV



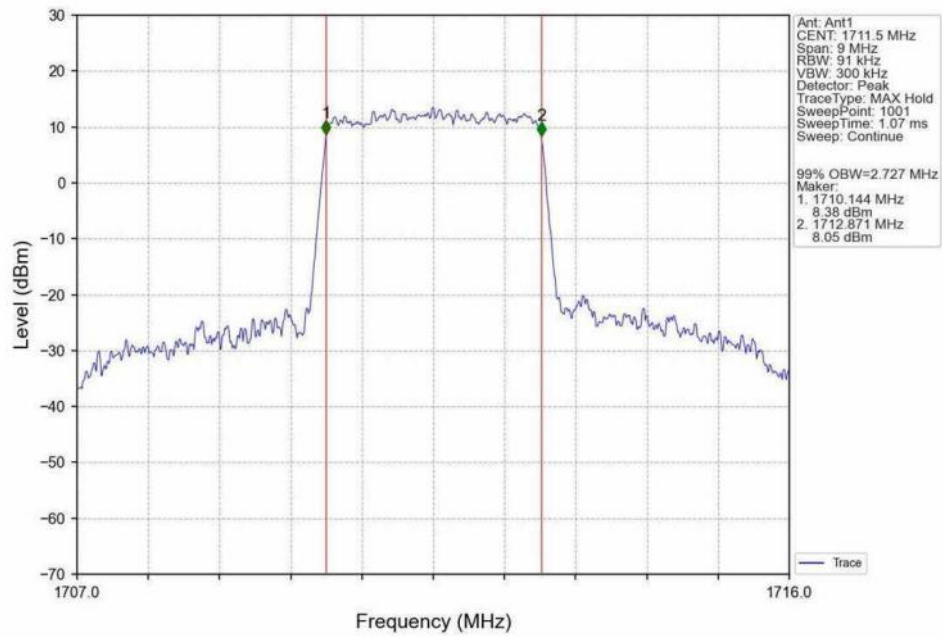
Band66_1.4MHz_16QAM_MCH_1745MHz_RB_6_0_NTNV



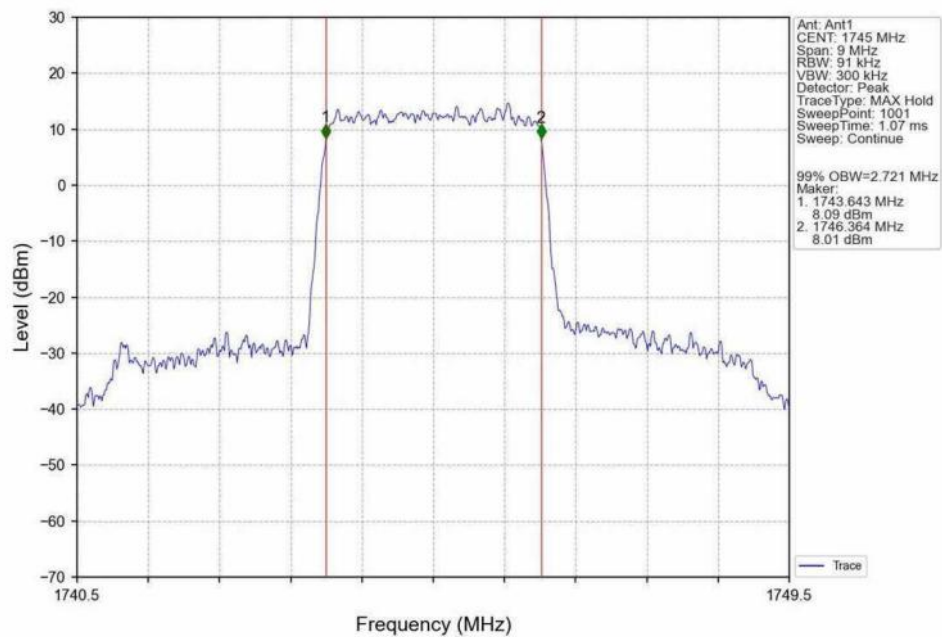
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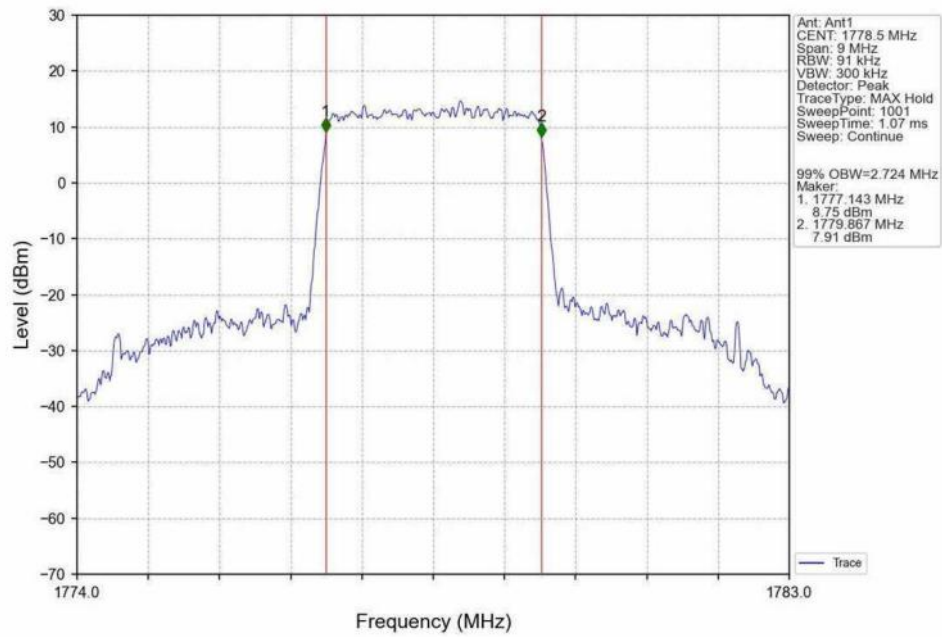
Band66_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV



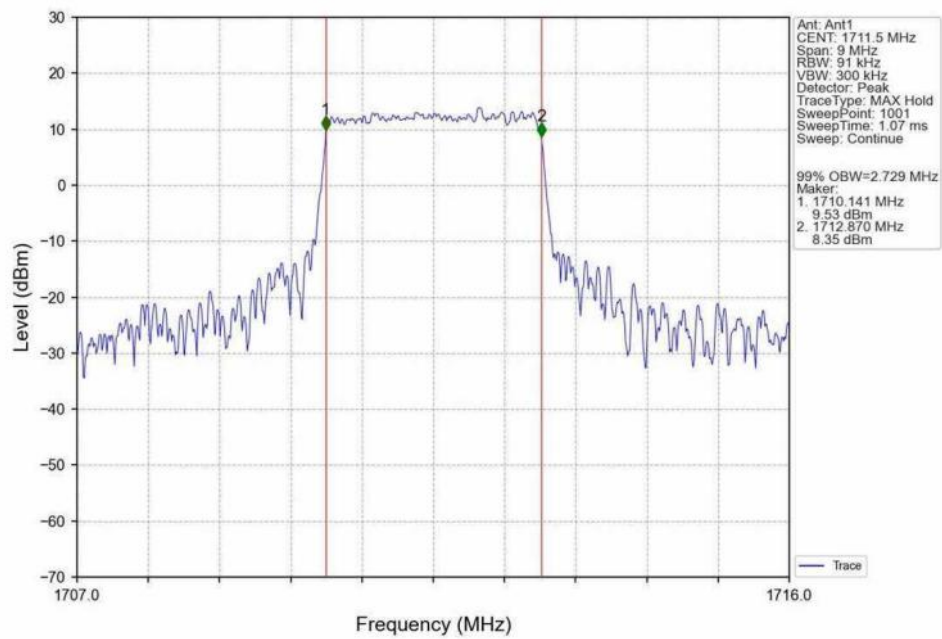
Band66_3MHz_QPSK_MCH_1745MHz_RB_15_0_NTNV



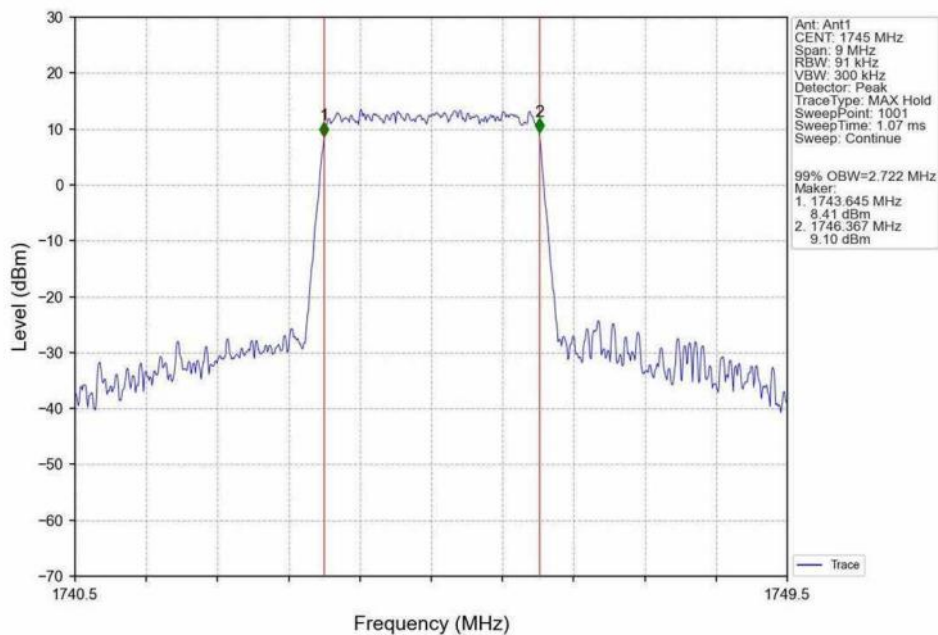
Band66_3MHz_QPSK_HCH_1778.5MHz_RB_15_0_NTNV



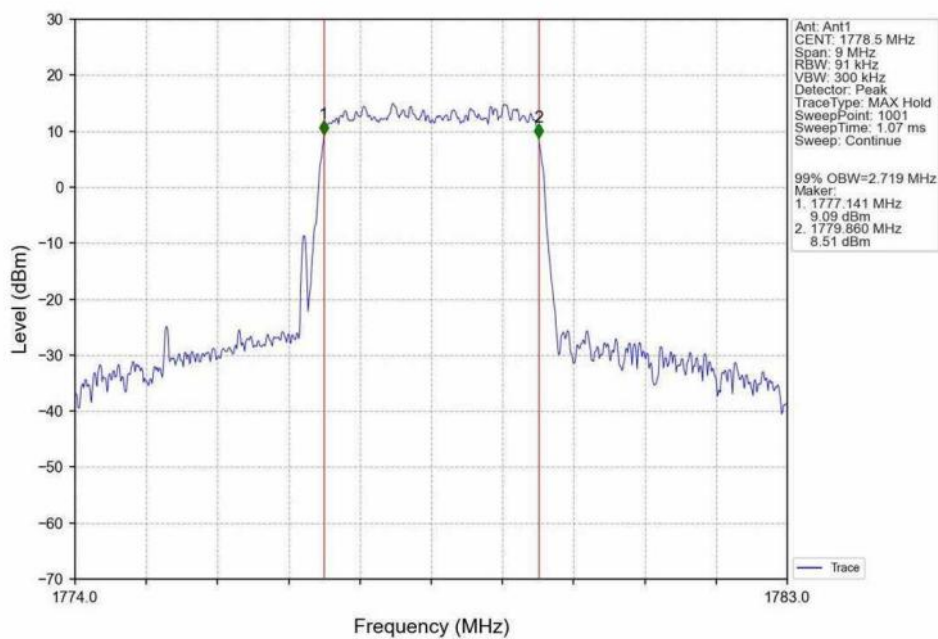
Band66_3MHz_16QAM_LCH_1711.5MHz_RB_15_0_NTNV



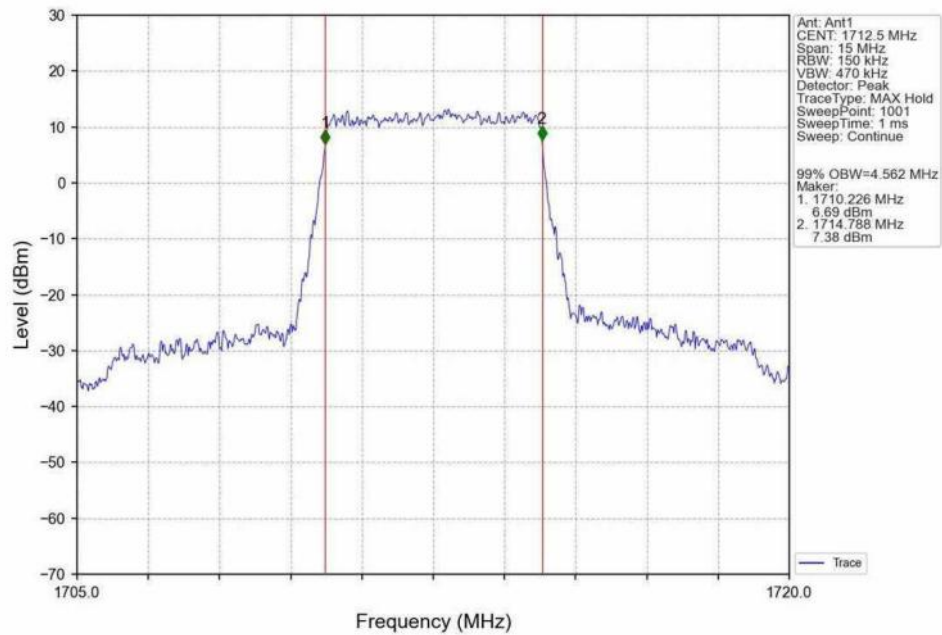
Band66_3MHz_16QAM_MCH_1745MHz_RB_15_0_NTNV



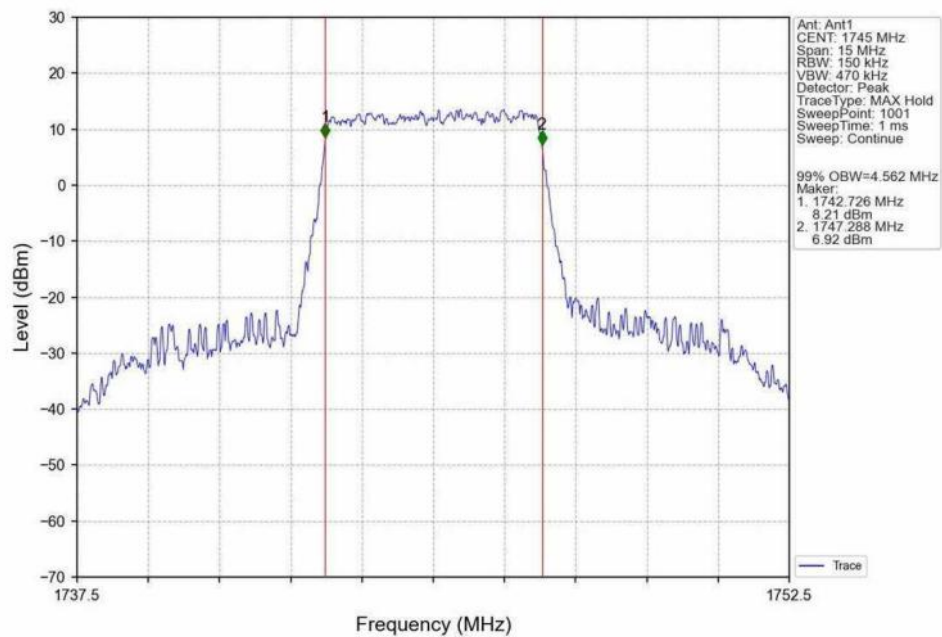
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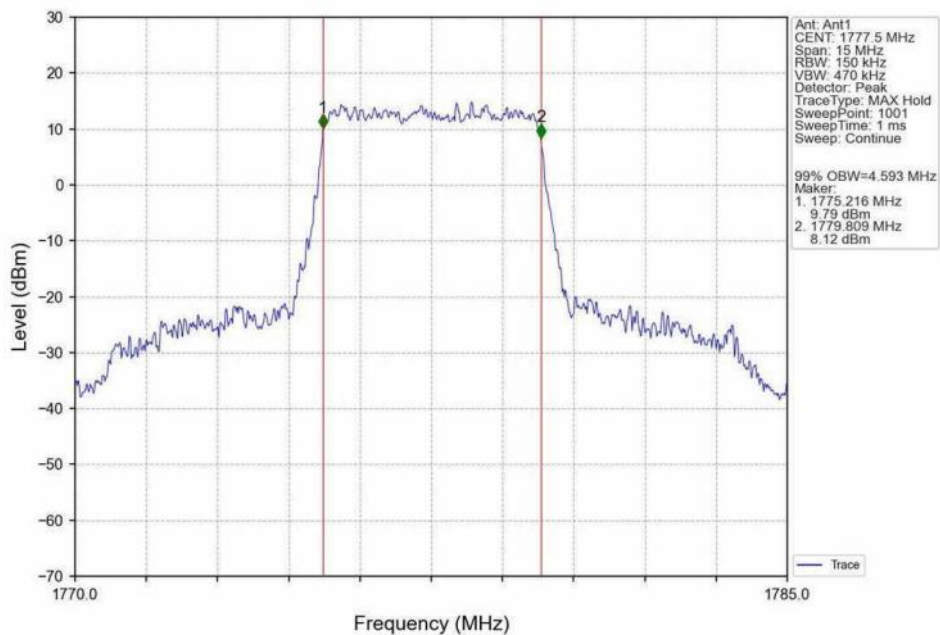
Band66_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV



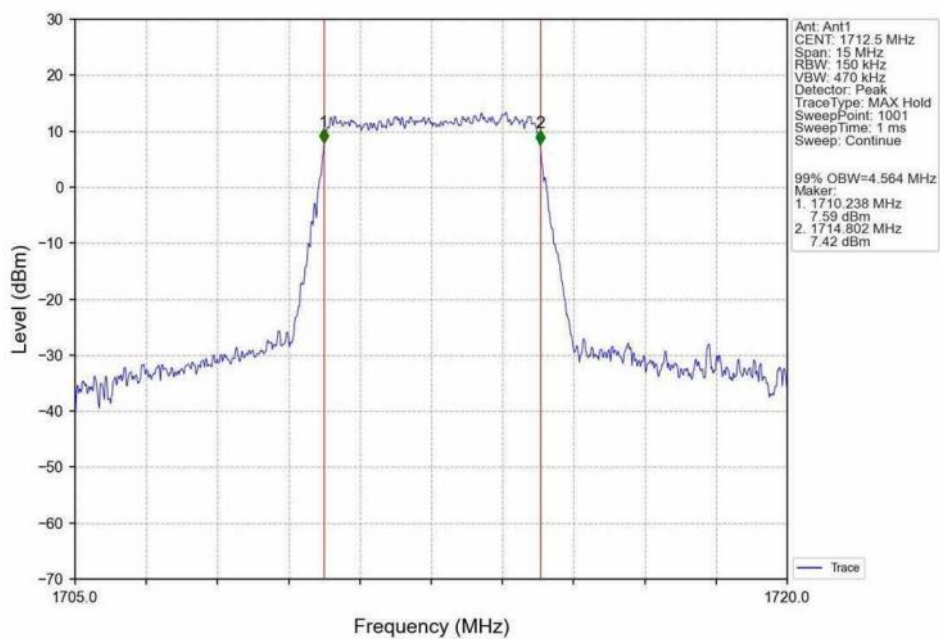
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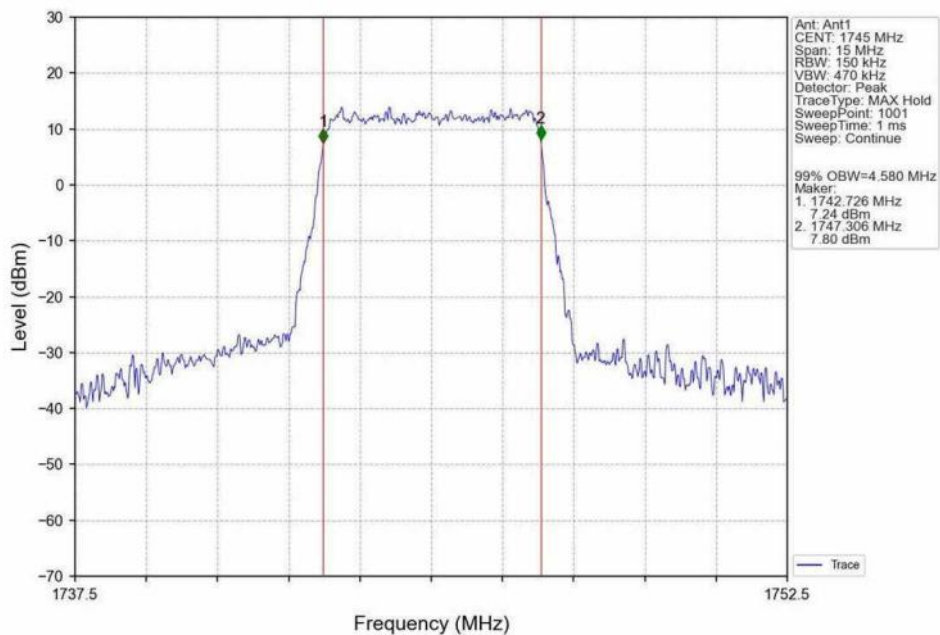
Band66_5MHz_QPSK_HCH_1777.5MHz_RB_25_0_NTNV



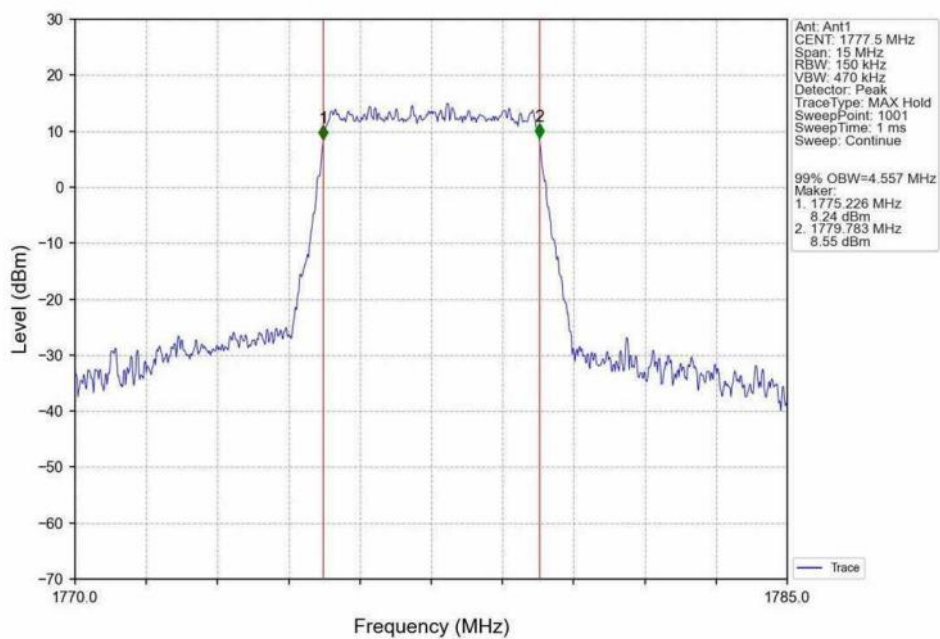
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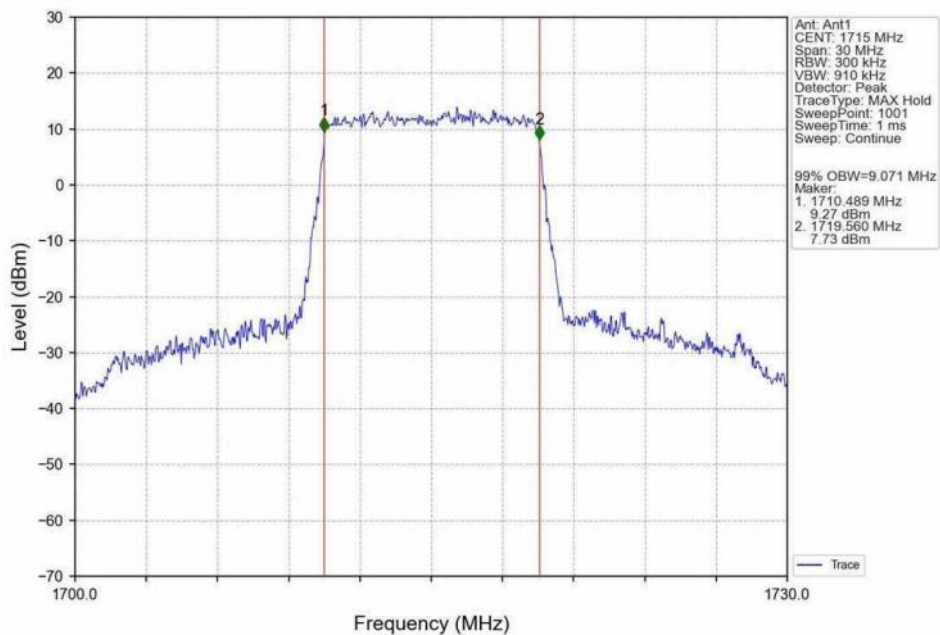
Band66_5MHz_16QAM_MCH_1745MHz_RB_25_0_NTNV



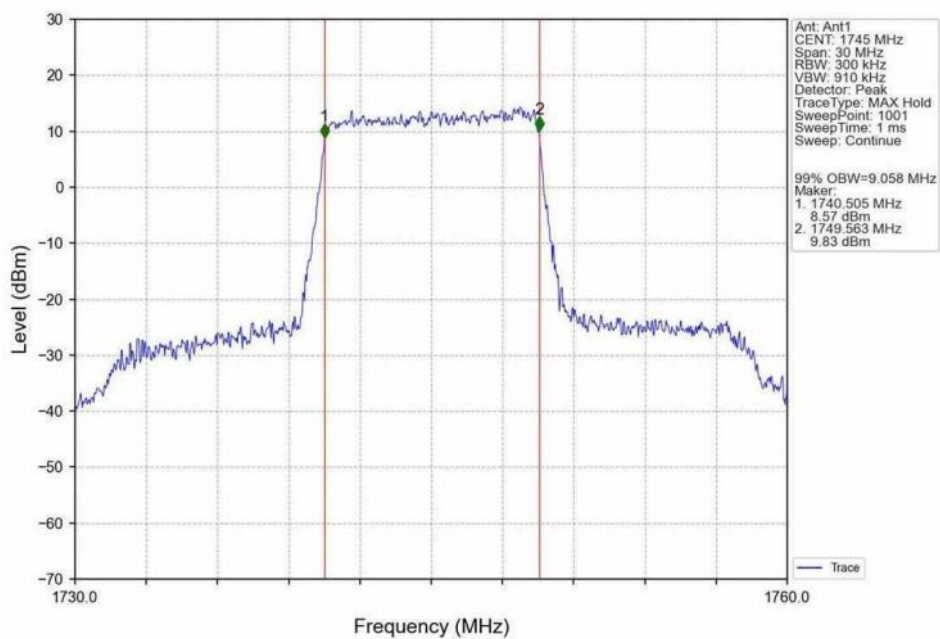
Band66_5MHz_16QAM_HCH_1777.5MHz_RB_25_0_NTNV



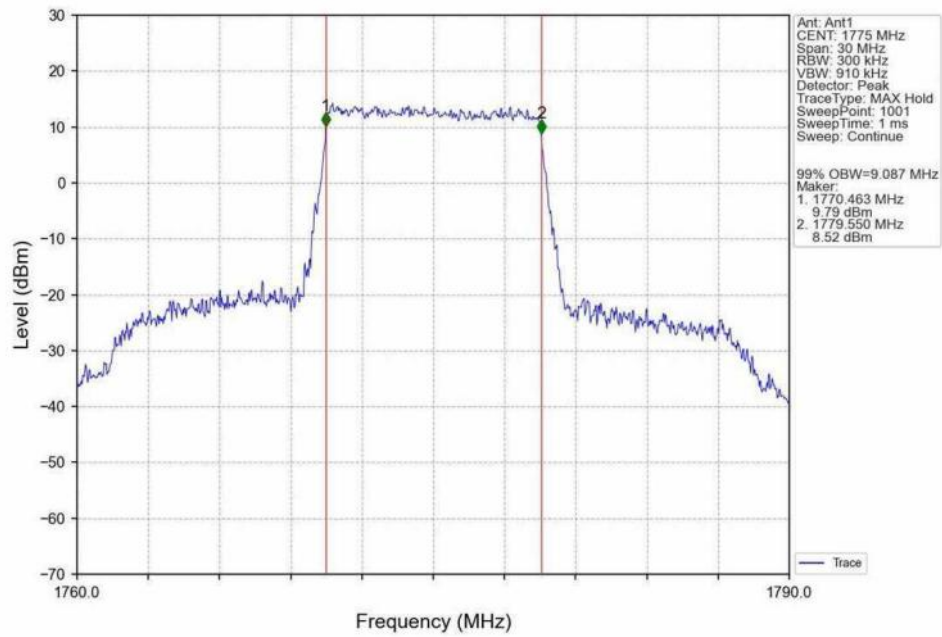
Band66_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV



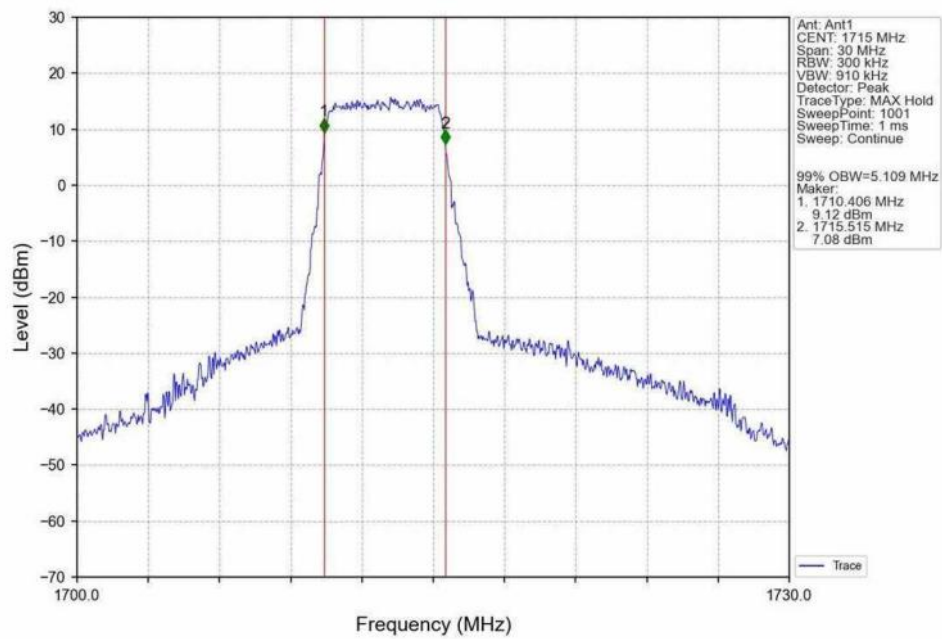
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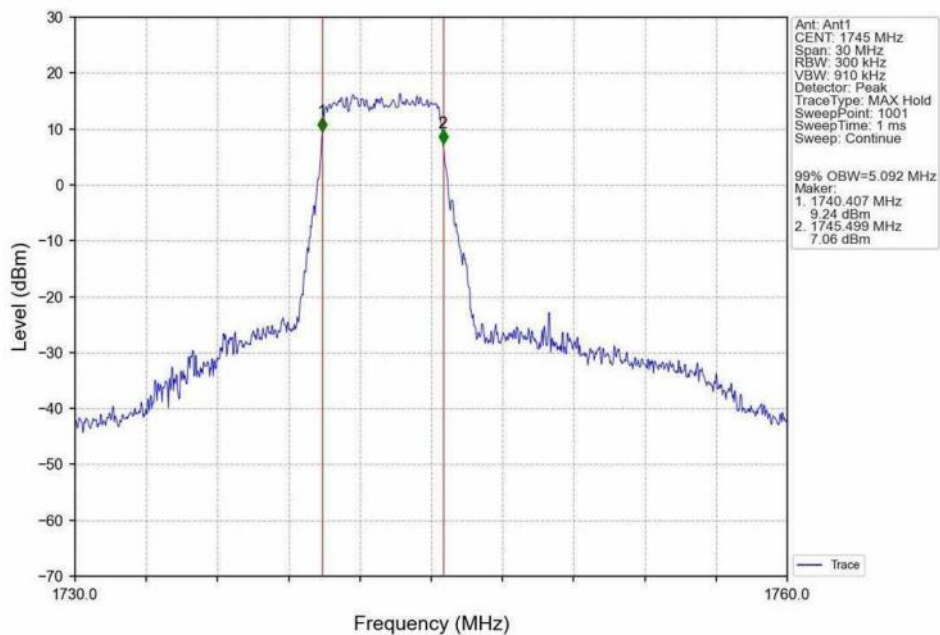
Band66_10MHz_QPSK_HCH_1775MHz_RB_50_0_NTNV



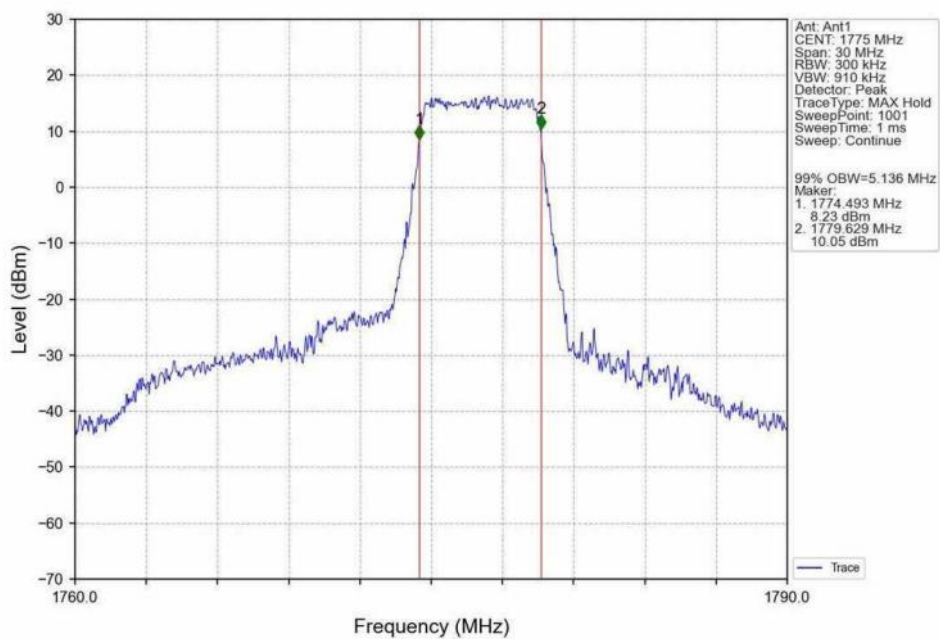
Band66_10MHz_16QAM_LCH_1715MHz_RB_27_0_NTNV



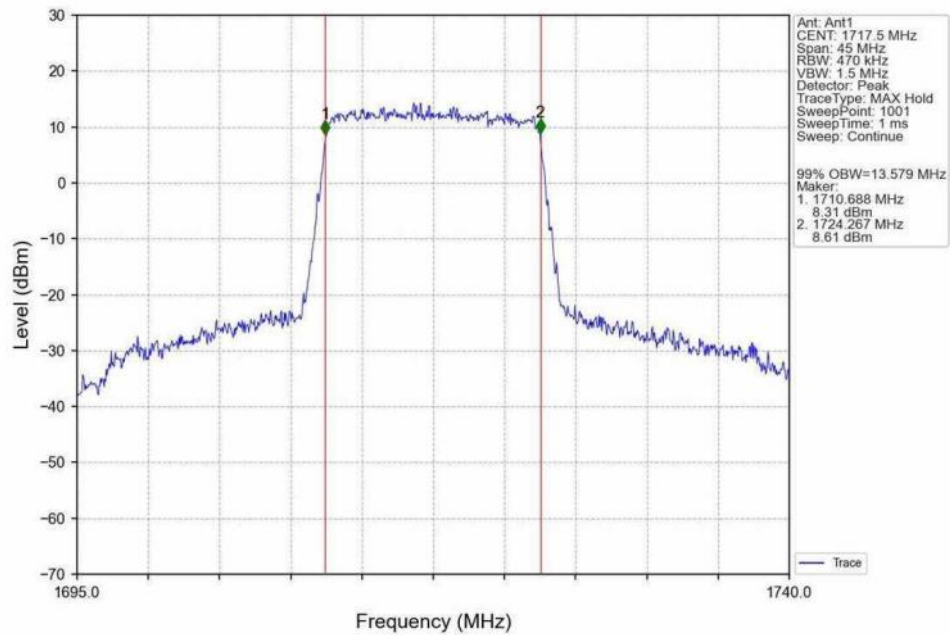
Band66_10MHz_16QAM_MCH_1745MHz_RB_27_0_NTNV



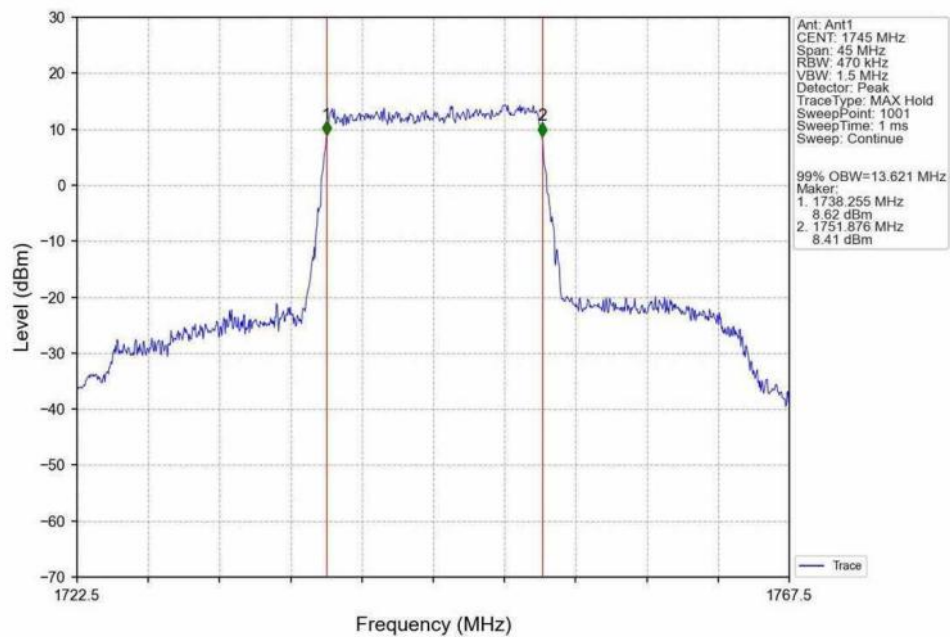
Band66_10MHz_16QAM_HCH_1775MHz_RB_27_23_NTNV



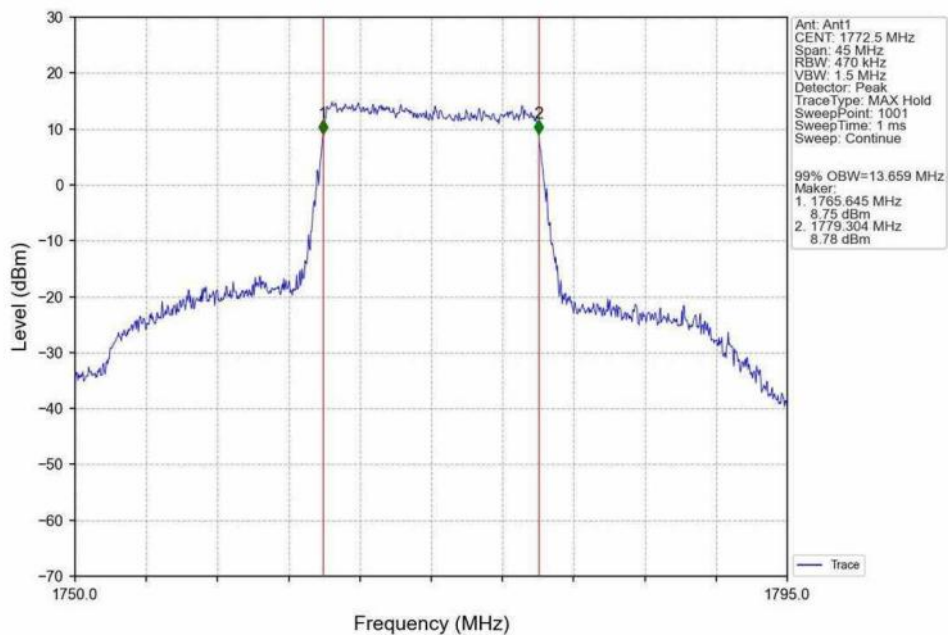
Band66_15MHz_QPSK_LCH_1717.5MHz_RB_75_0_NTNV



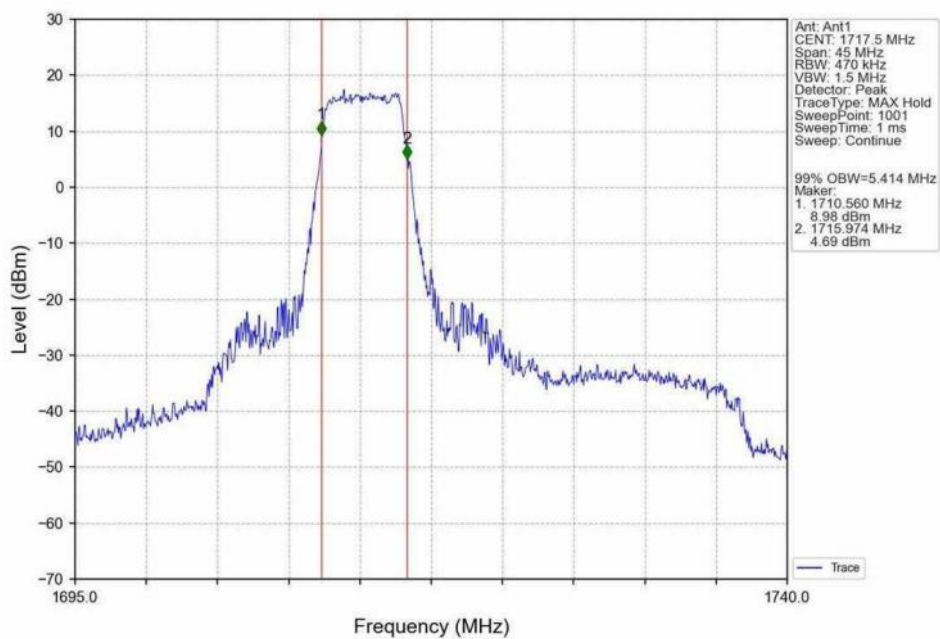
Band66_15MHz_QPSK_MCH_1745MHz_RB_75_0_NTNV



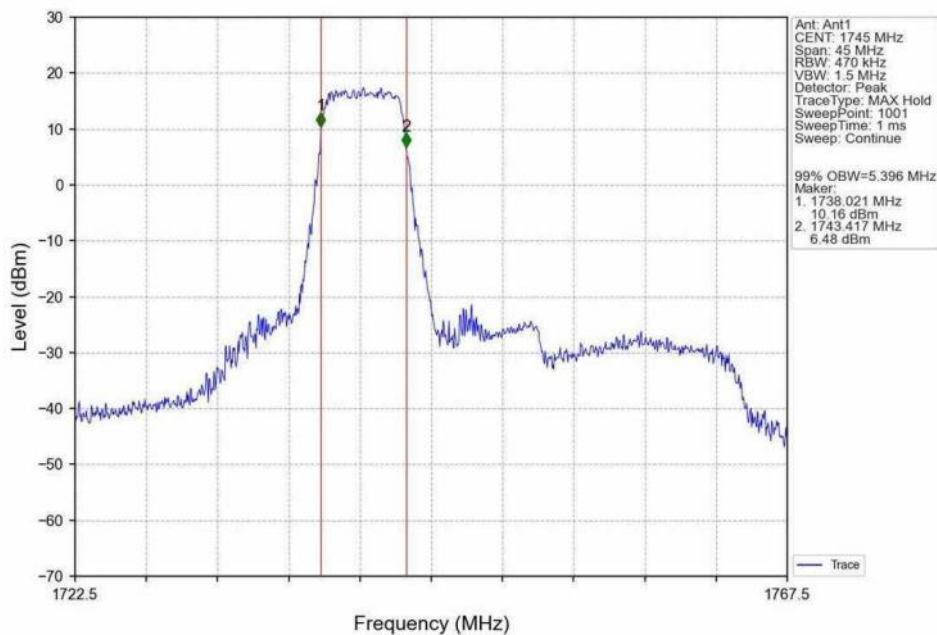
Band66_15MHz_QPSK_HCH_1772.5MHz_RB_75_0_NTNV



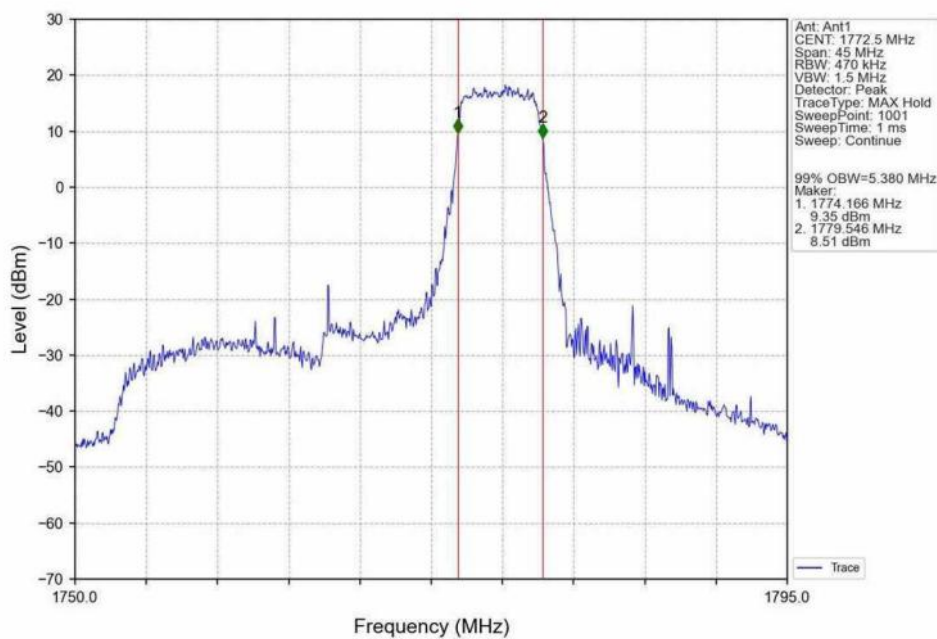
Band66_15MHz_16QAM_LCH_1717.5MHz_RB_27_0_NTNV



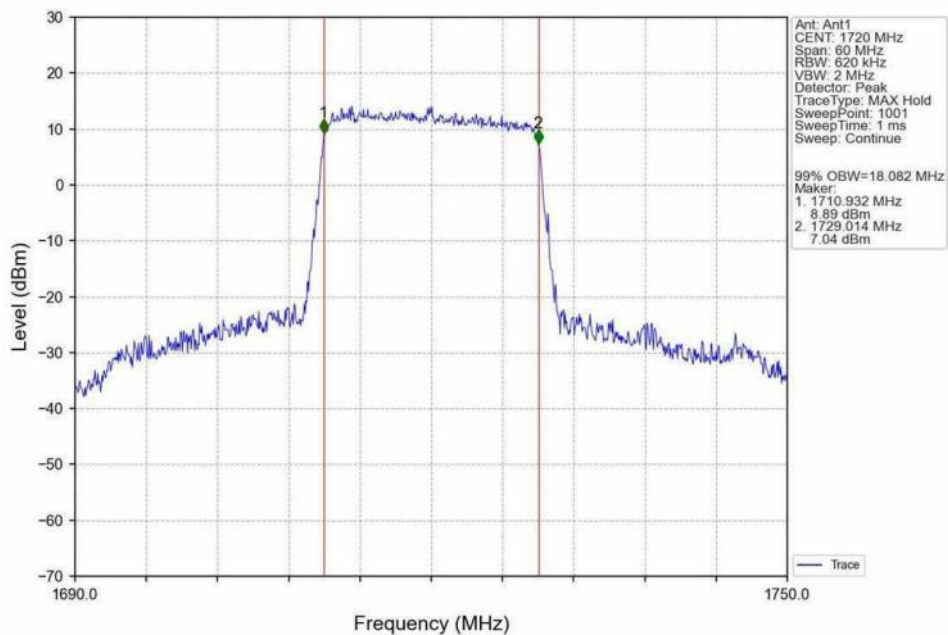
Band66_15MHz_16QAM_MCH_1745MHz_RB_27_0_NTNV



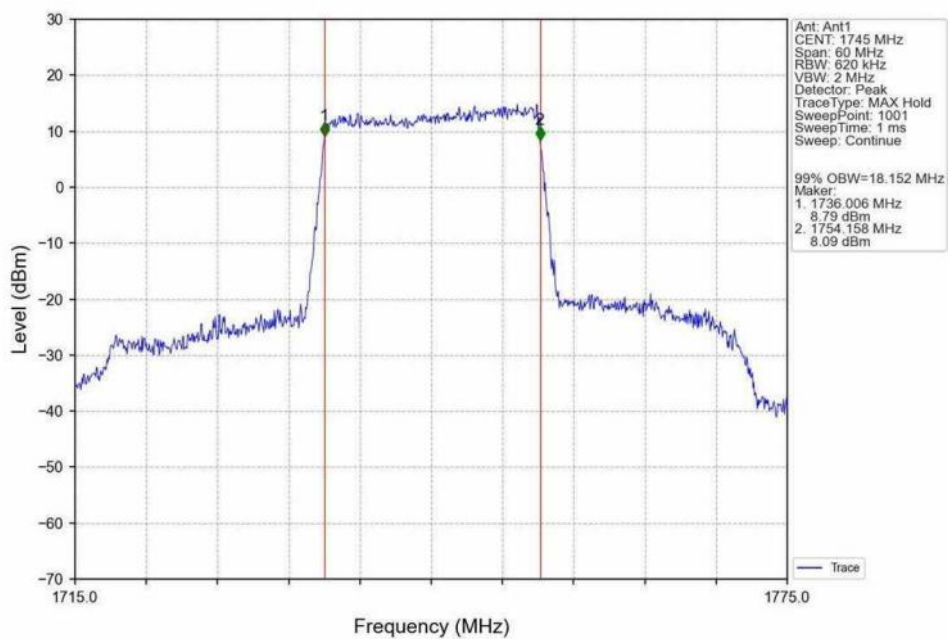
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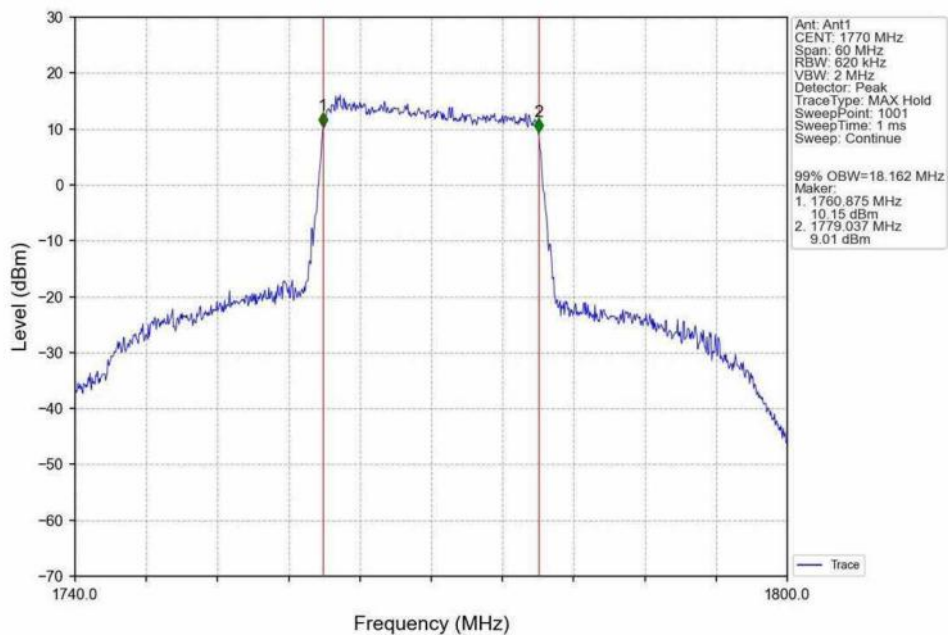
Band66_20MHz_QPSK_LCH_1720MHz_RB_100_0_NTNV



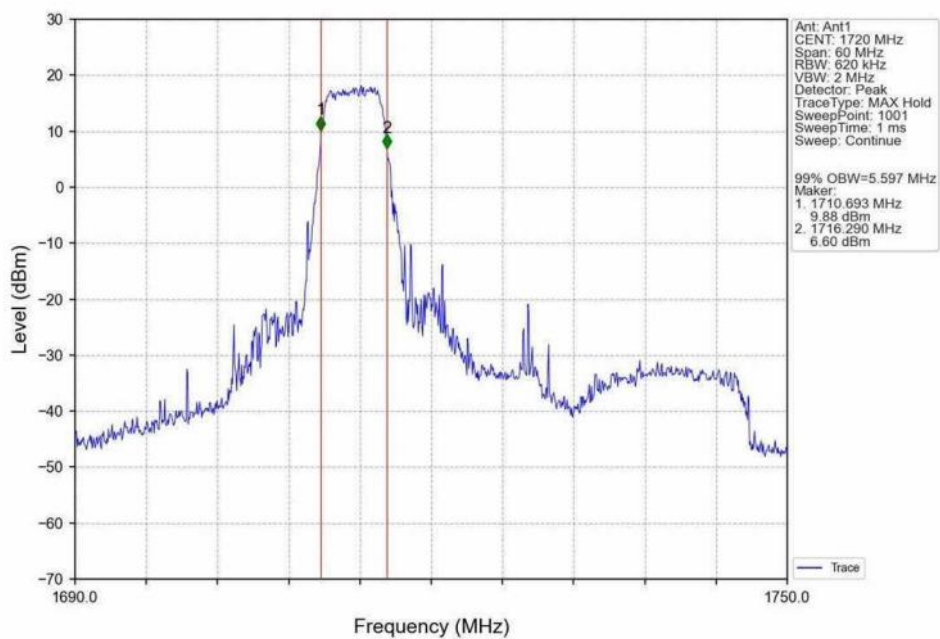
Band66_20MHz_QPSK_MCH_1745MHz_RB_100_0_NTNV



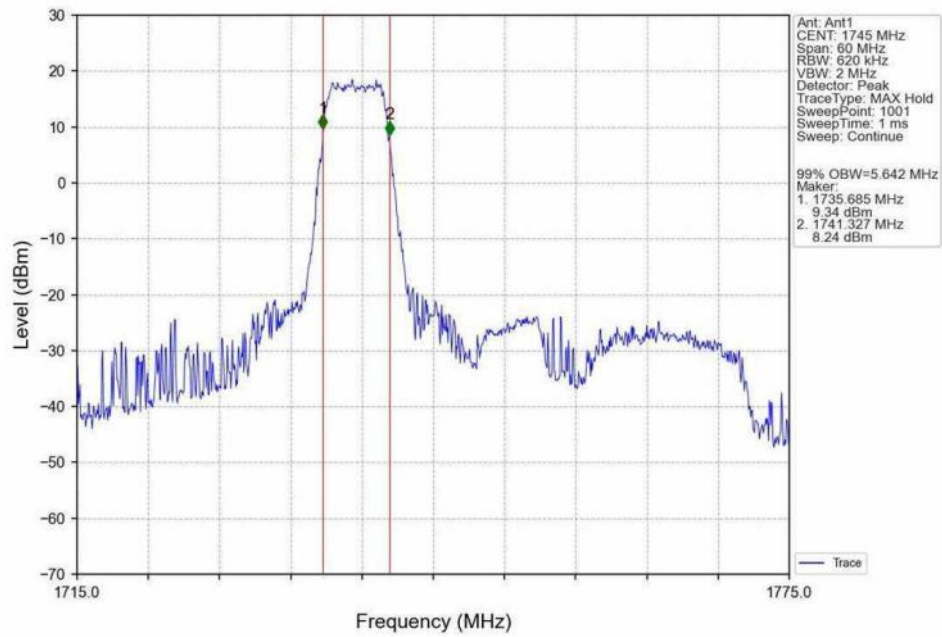
Band66_20MHz_QPSK_HCH_1770MHz_RB_100_0_NTNV



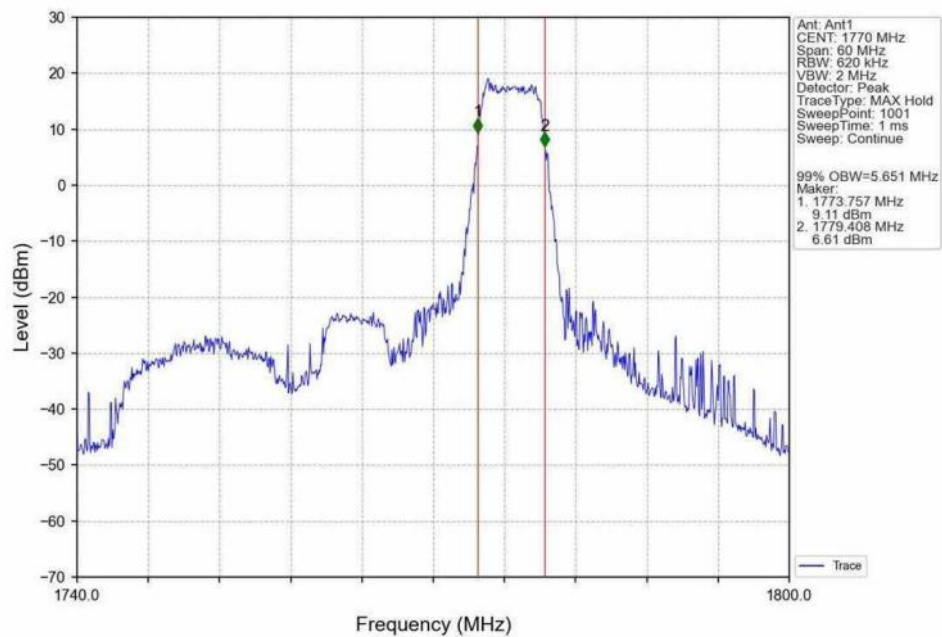
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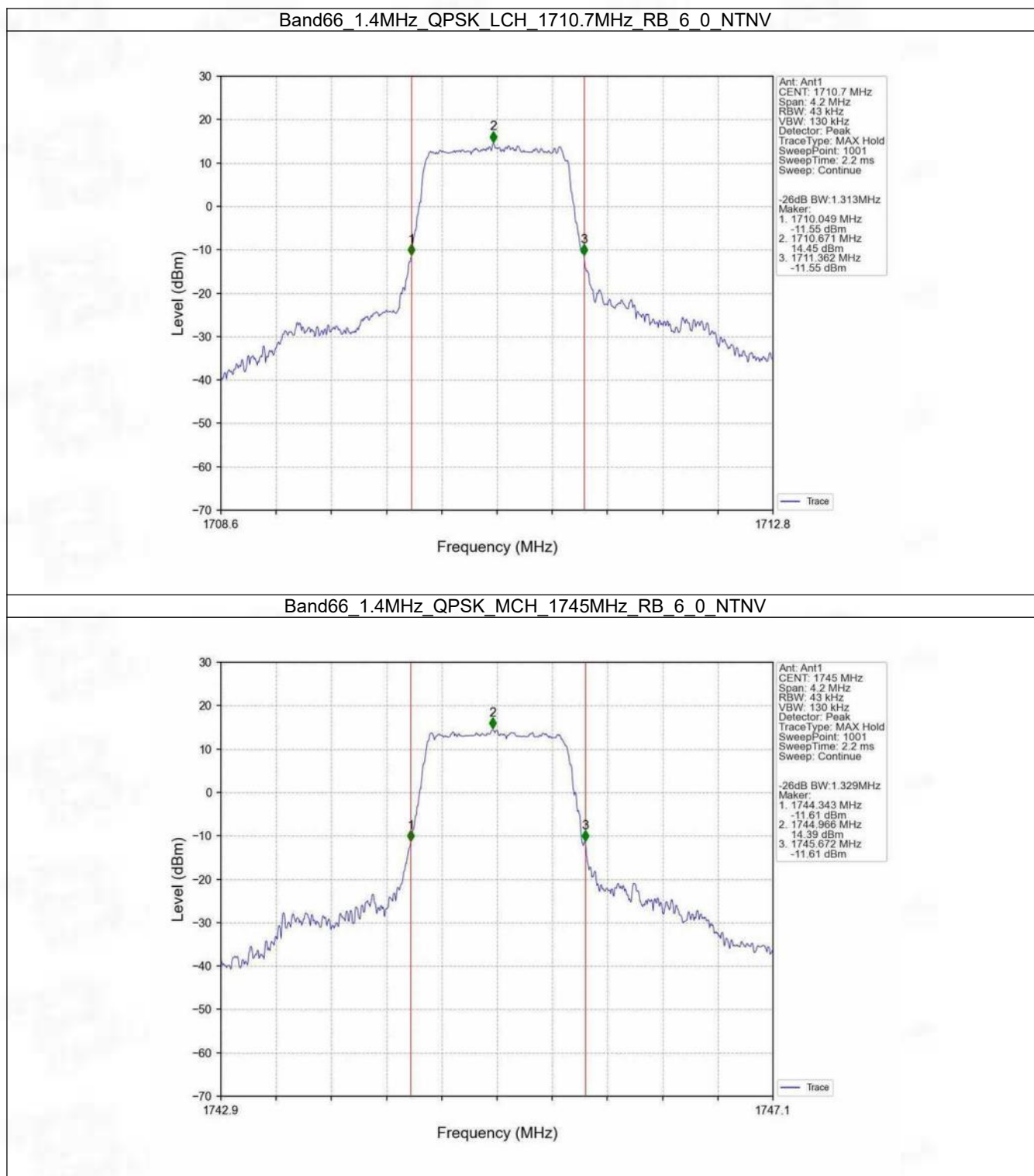
Band66_20MHz_16QAM_MCH_1745MHz_RB_27_0_NTNV



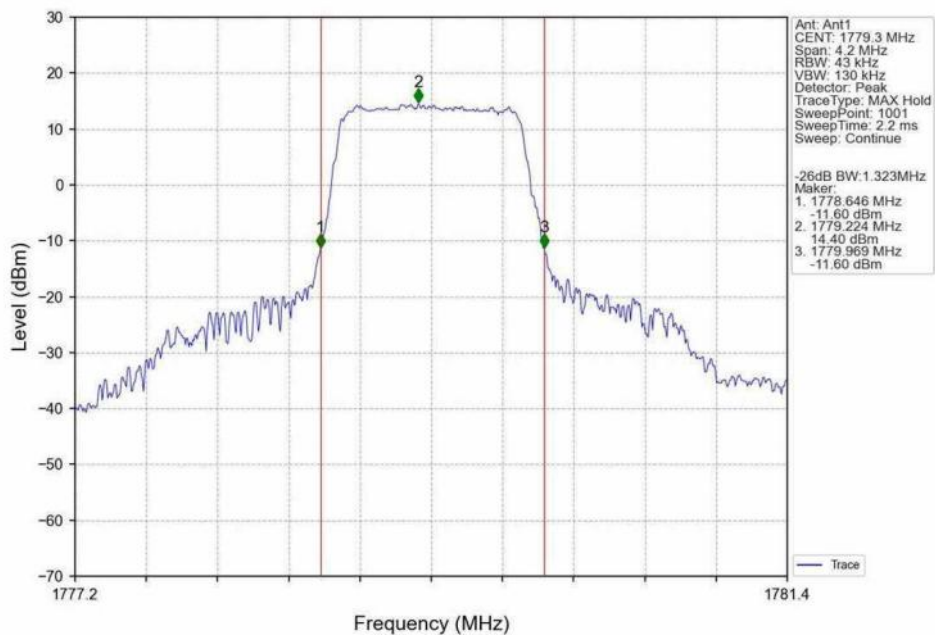
Band66_20MHz_16QAM_HCH_1770MHz_RB_27_73_NTNV



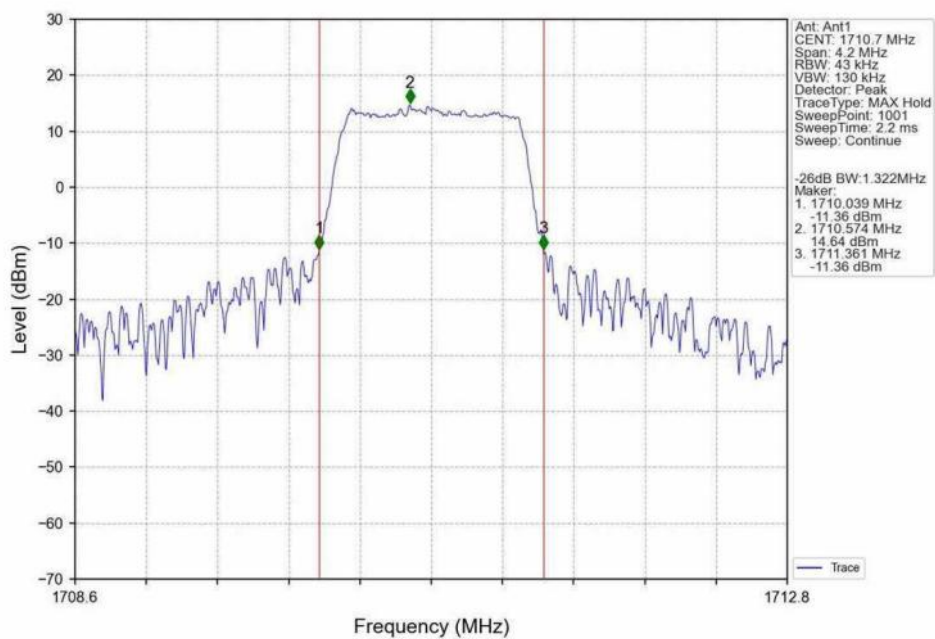
4.2.2 Band66_XDB



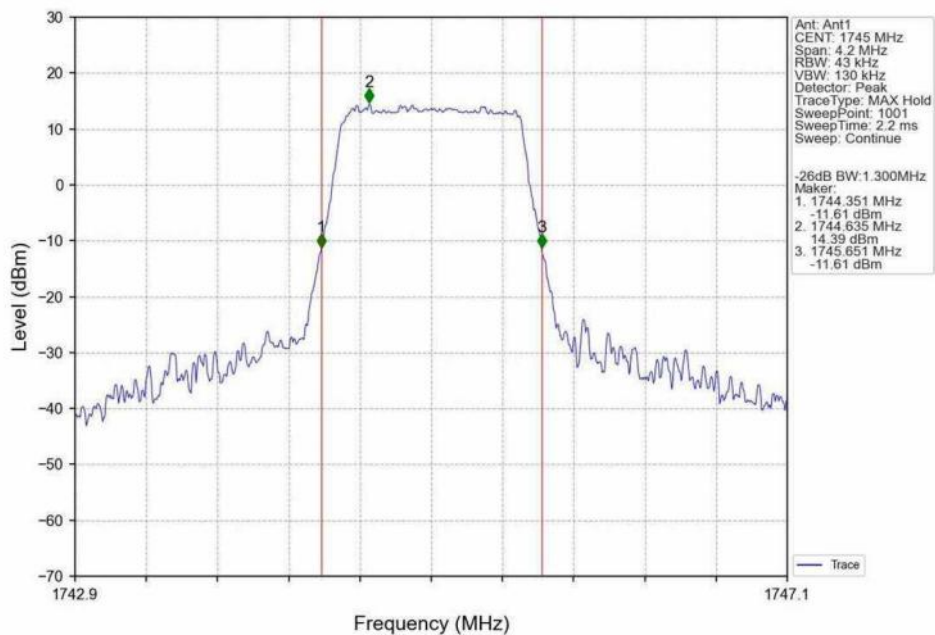
Band66_1.4MHz_QPSK_HCH_1779.3MHz_RB_6_0_NTNV



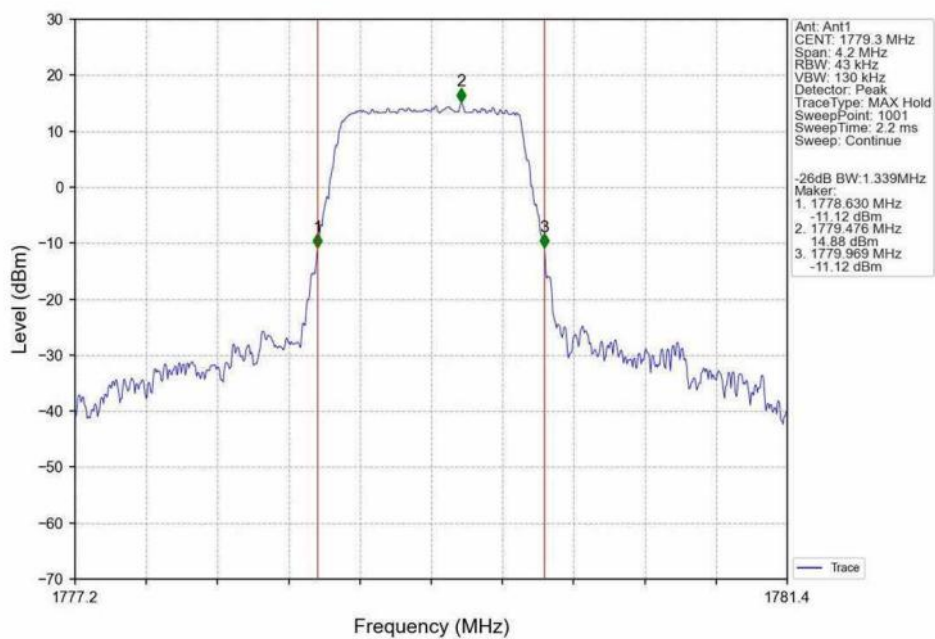
Band66_1.4MHz_16QAM_LCH_1710.7MHz_RB_6_0_NTNV



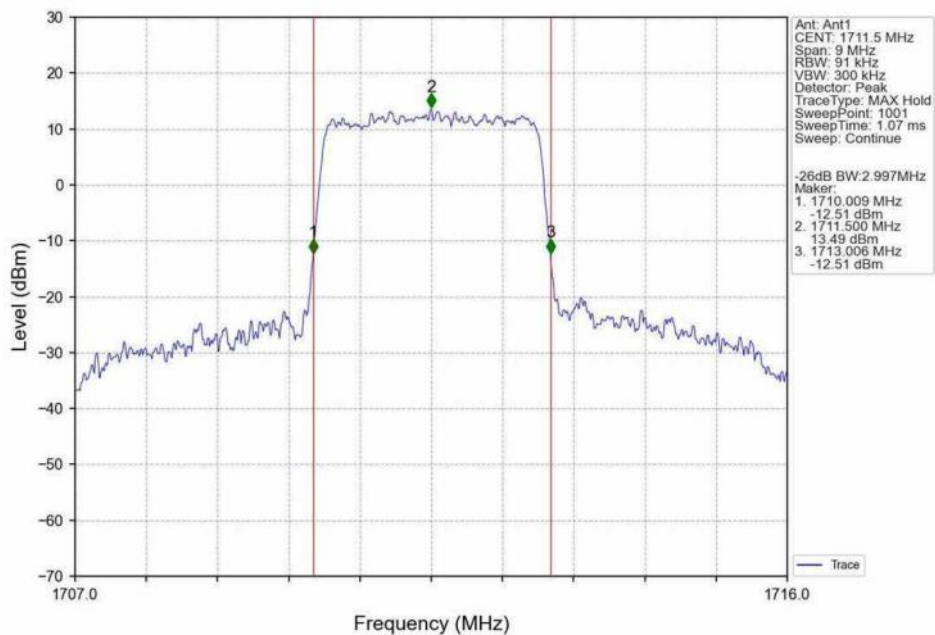
Band66_1.4MHz_16QAM_MCH_1745MHz_RB_6_0_NTNV



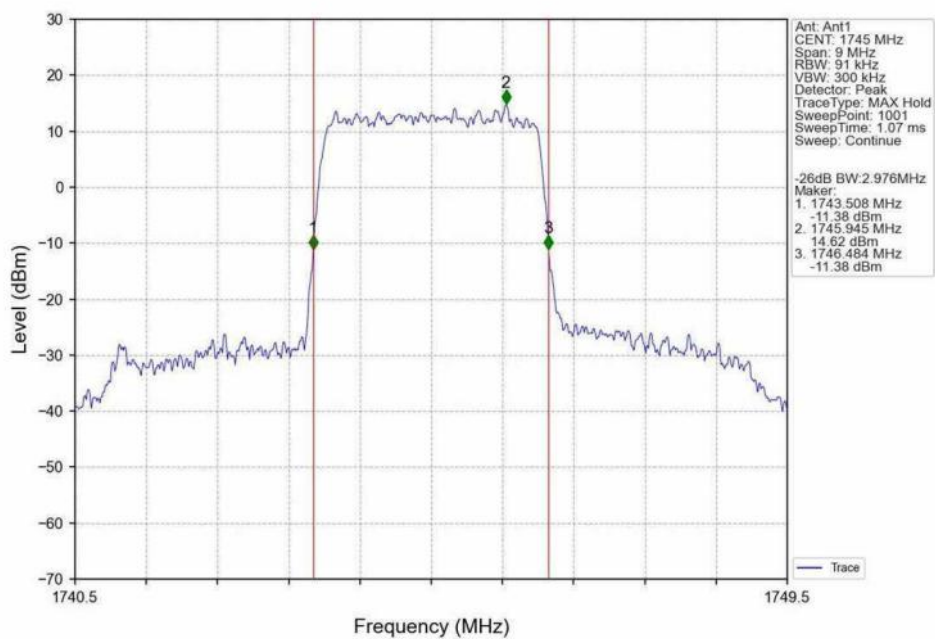
Band66_1.4MHz_16QAM_HCH_1779.3MHz_RB_6_0_NTNV



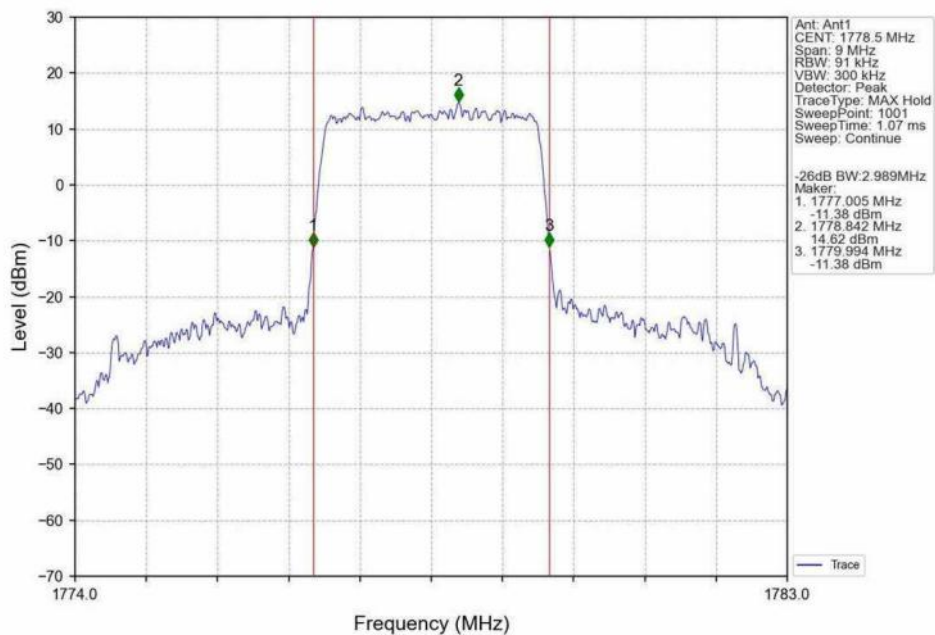
Band66_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV



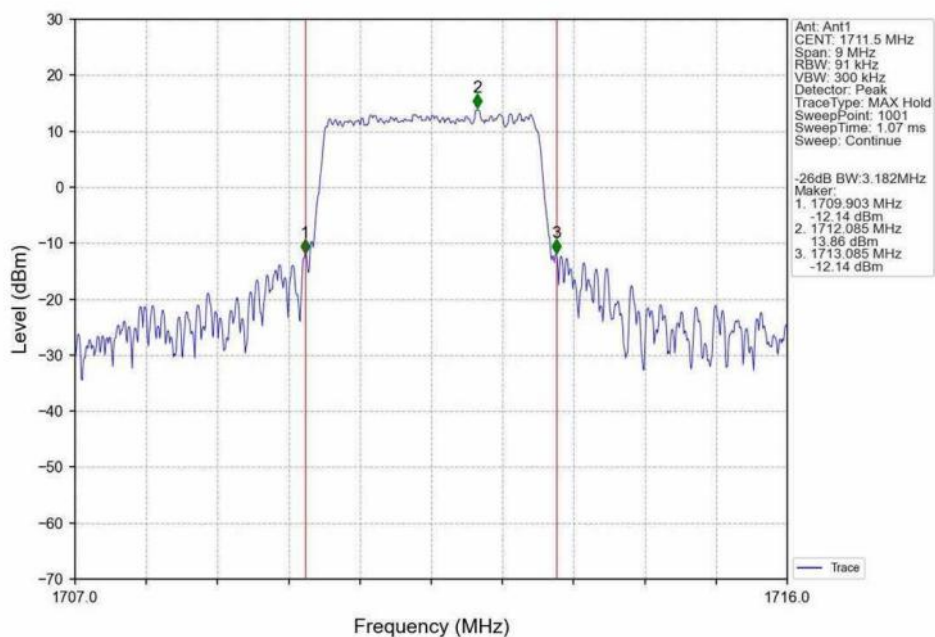
Band66_3MHz_QPSK_MCH_1745MHz_RB_15_0_NTNV



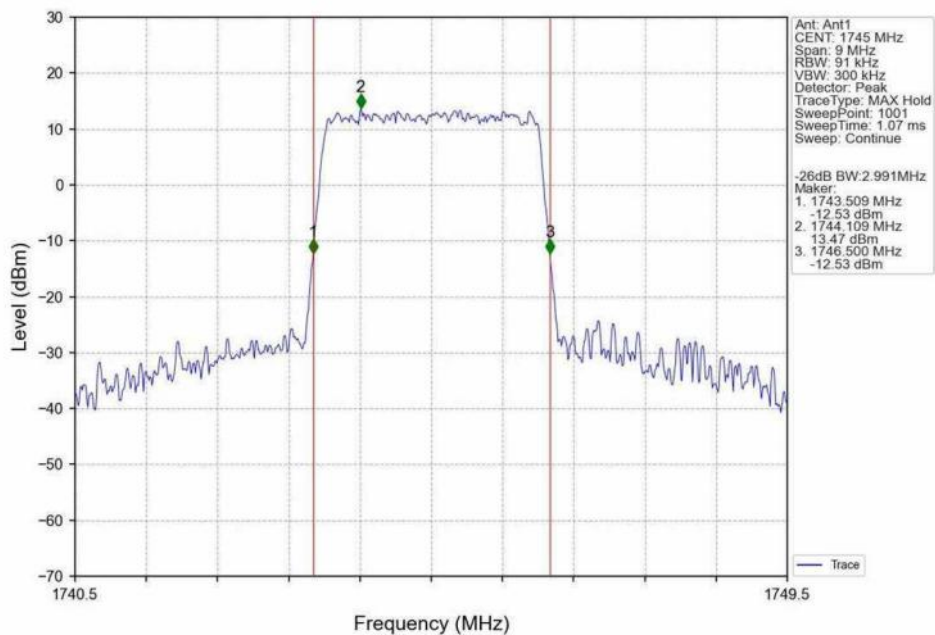
Band66_3MHz_QPSK_HCH_1778.5MHz_RB_15_0_NTNV



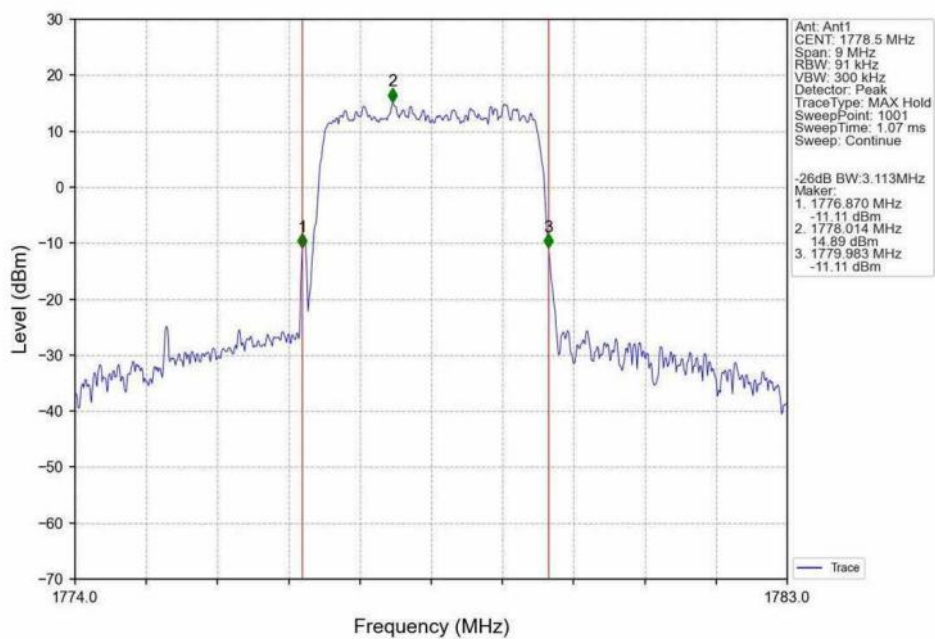
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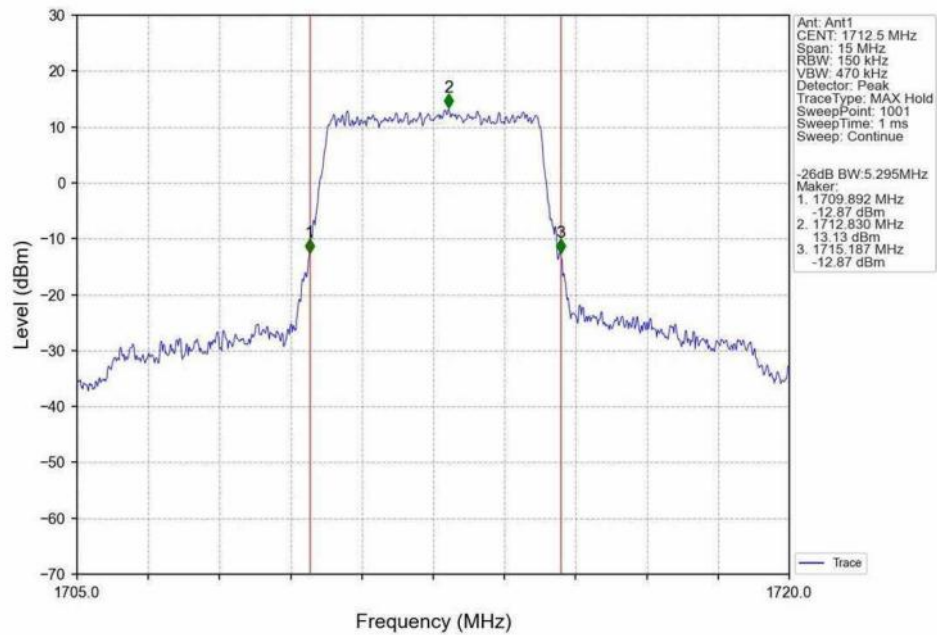
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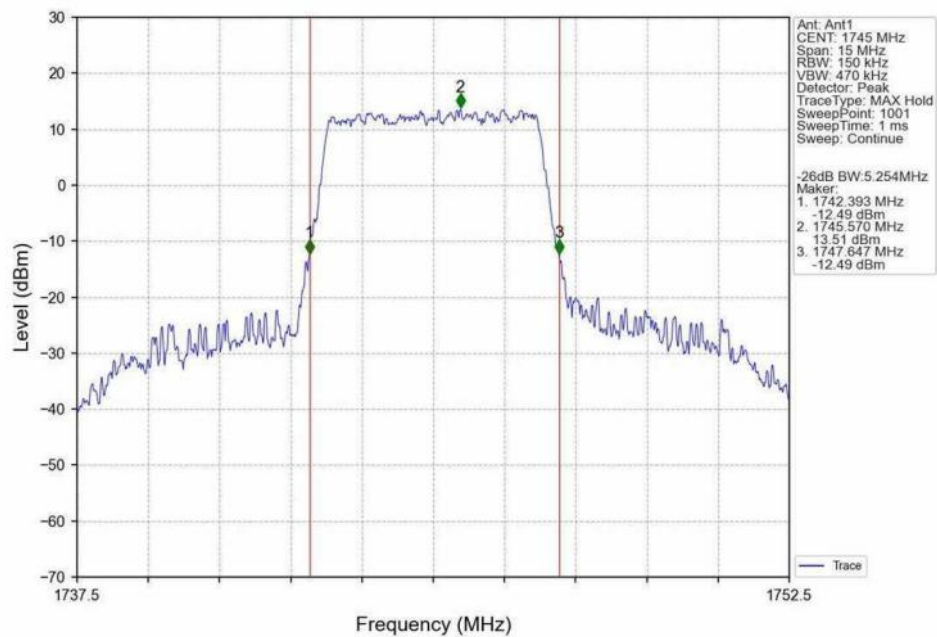
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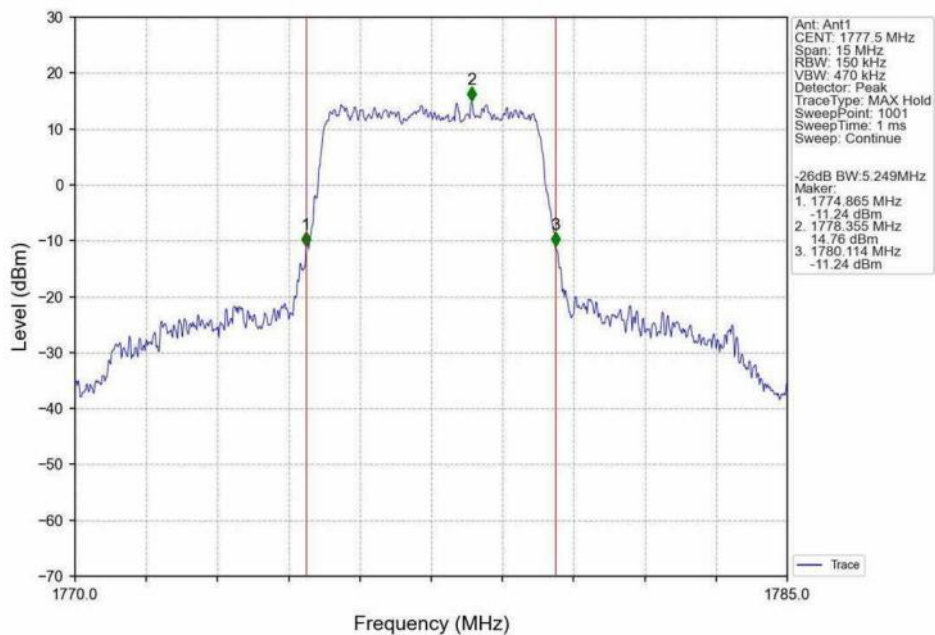
Band66_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV



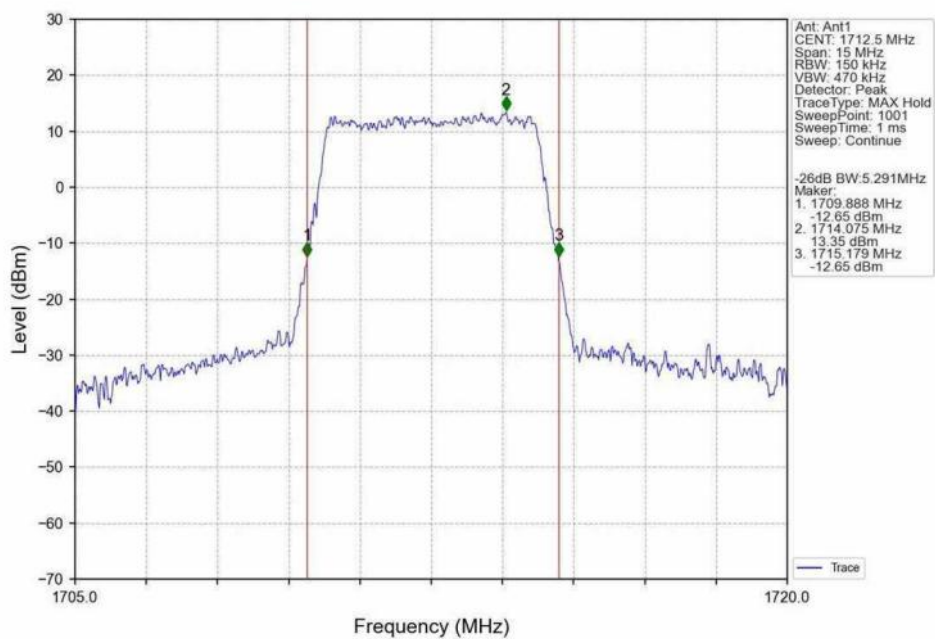
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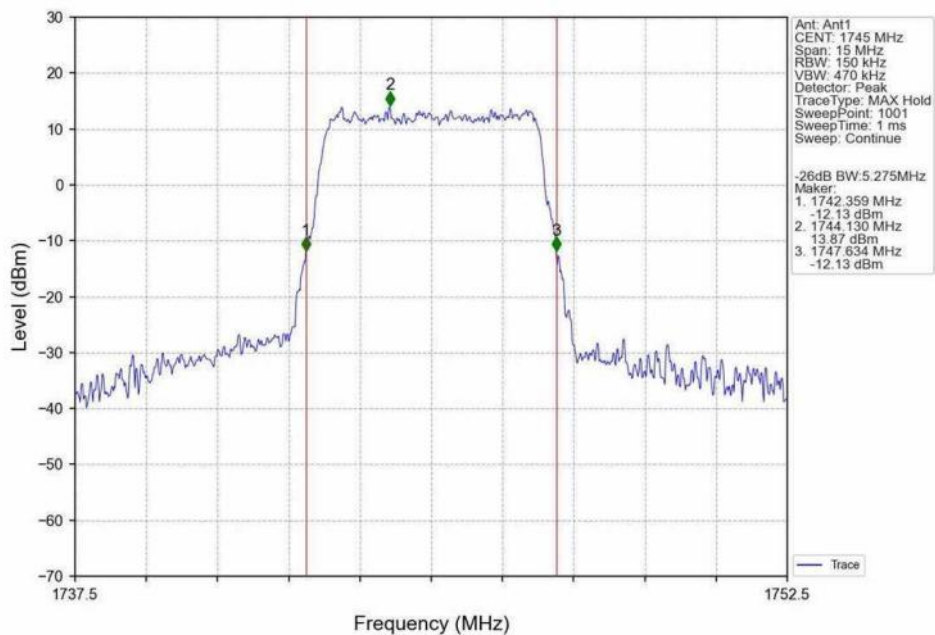
Band66_5MHz_QPSK_HCH_1777.5MHz_RB_25_0_NTNV



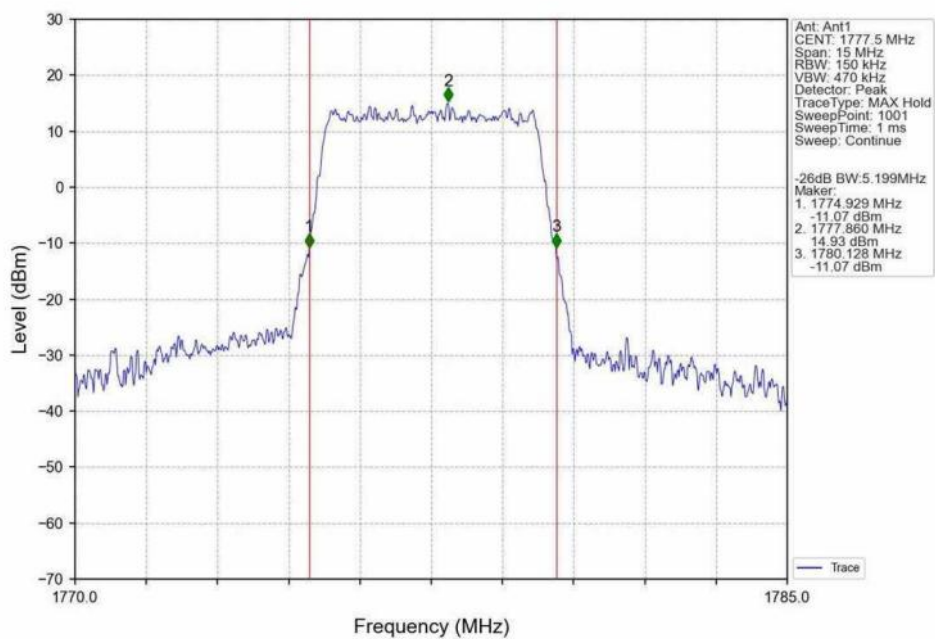
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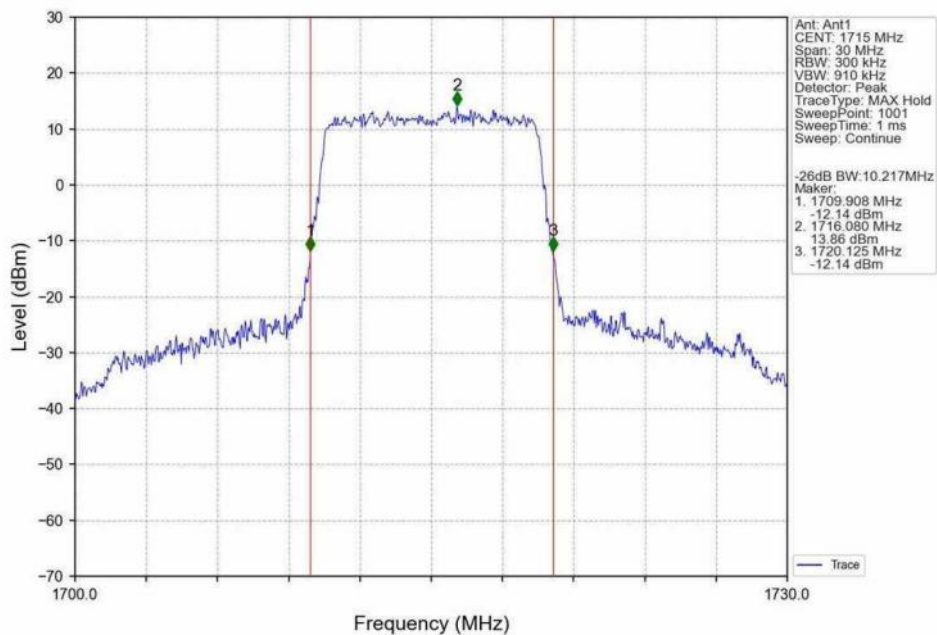
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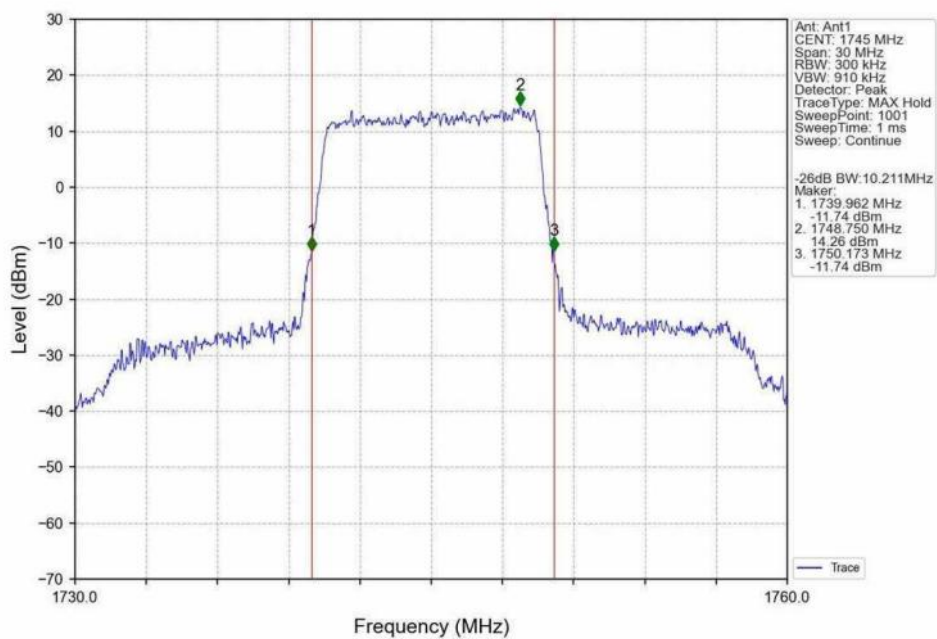
Band66_5MHz_16QAM_HCH_1777.5MHz_RB_25_0_NTNV



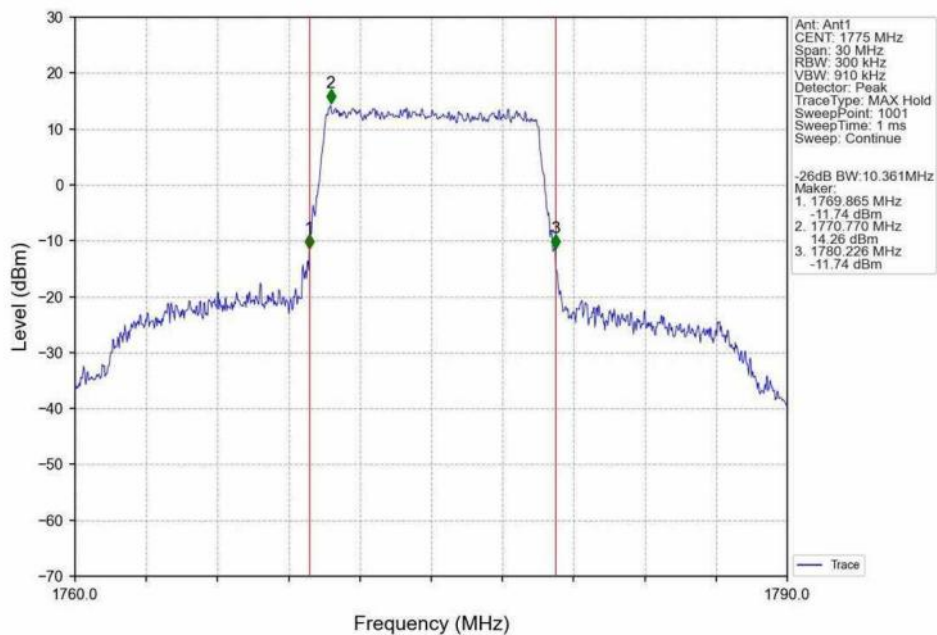
Band66_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV



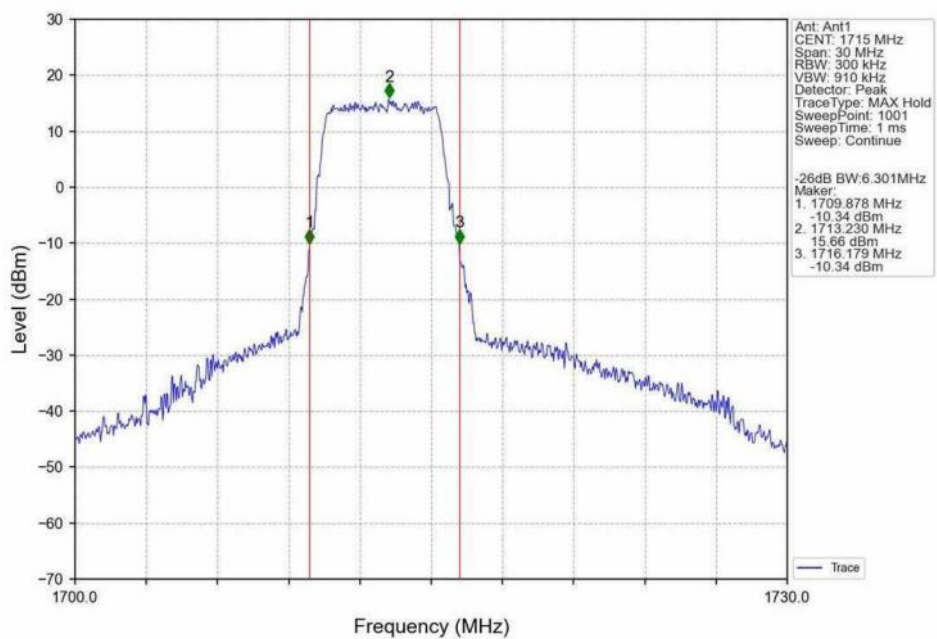
Band66_10MHz_QPSK_MCH_1745MHz_RB_50_0_NTNV



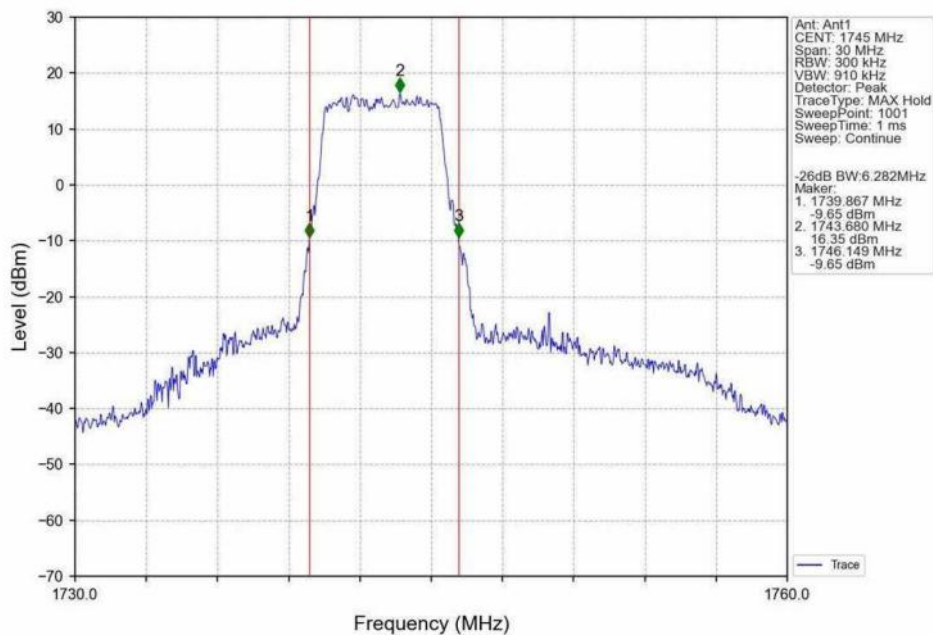
Band66_10MHz_QPSK_HCH_1775MHz_RB_50_0_NTNV



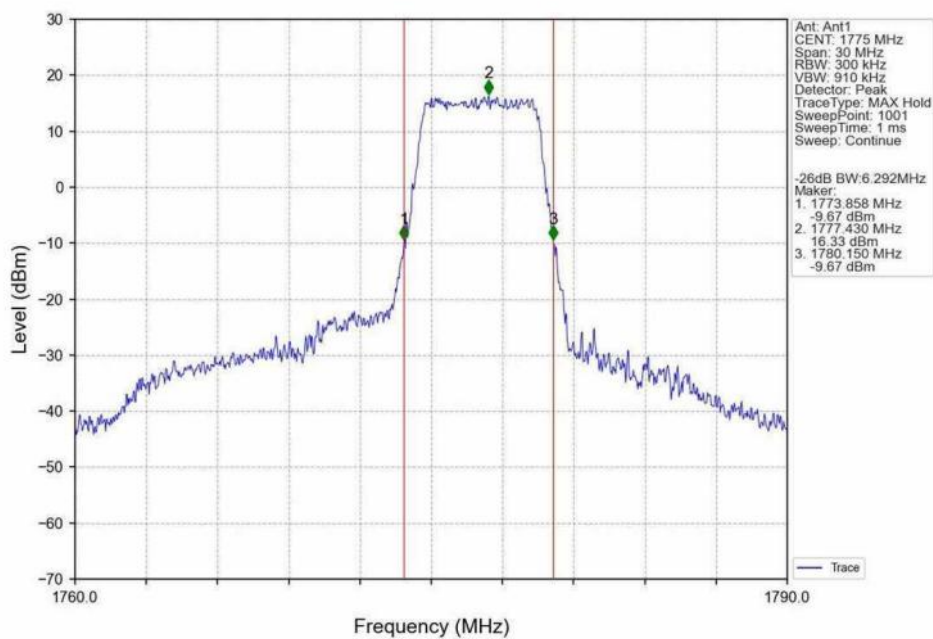
Band66_10MHz_16QAM_LCH_1715MHz_RB_27_0_NTNV



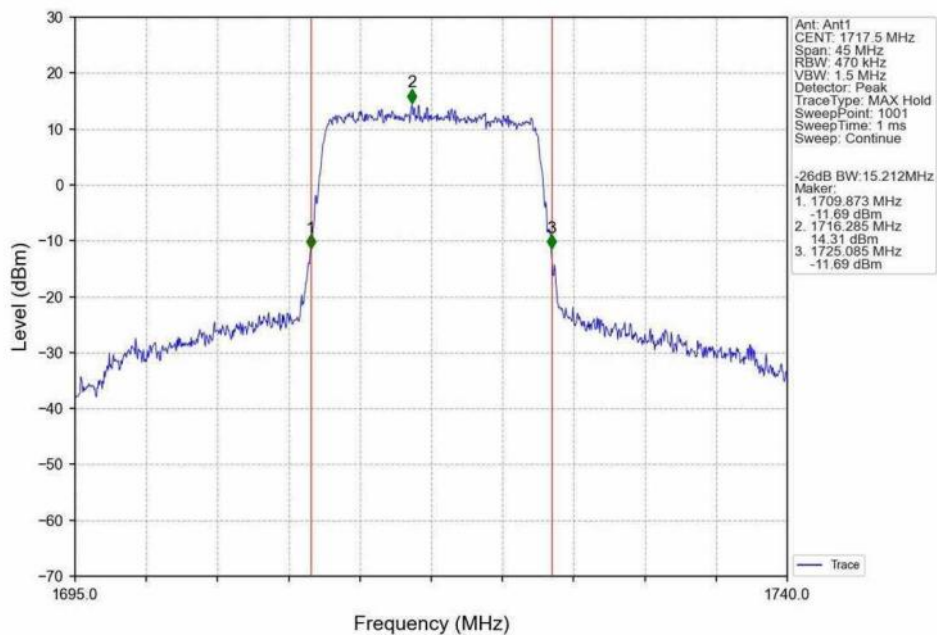
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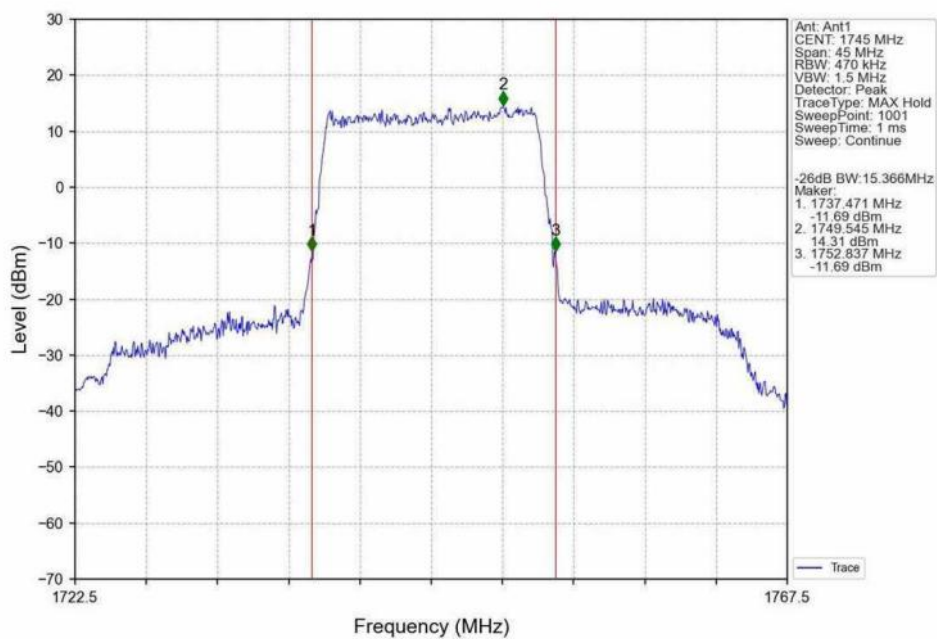
Band66_10MHz_16QAM_HCH_1775MHz_RB_27_23_NTNV



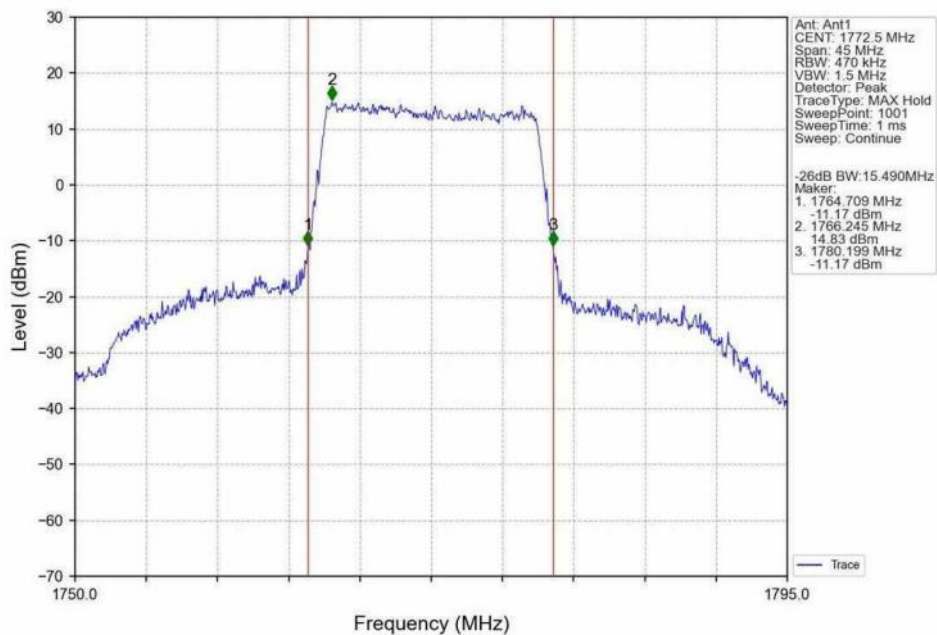
Band66_15MHz_QPSK_LCH_1717.5MHz_RB_75_0_NTNV



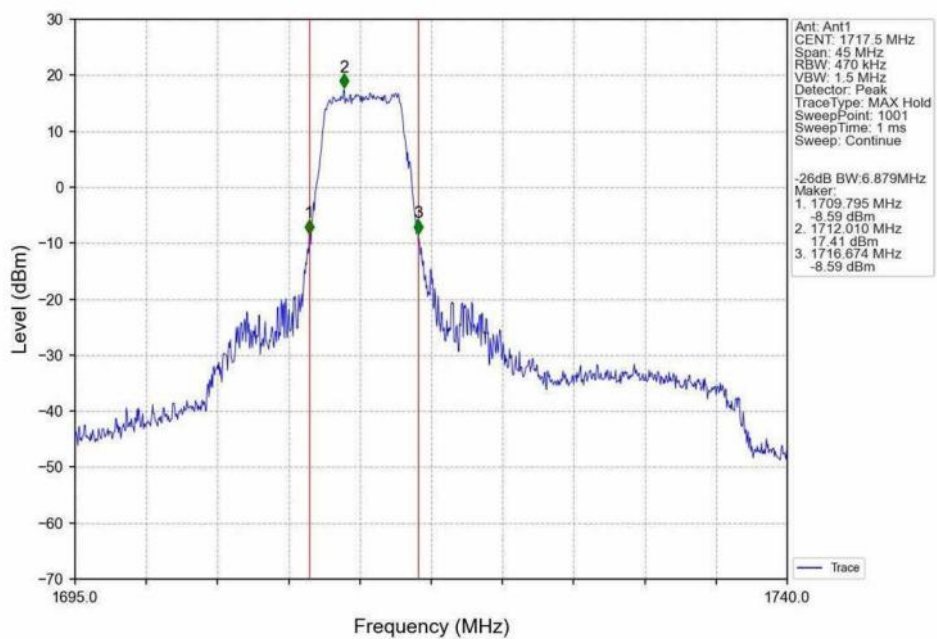
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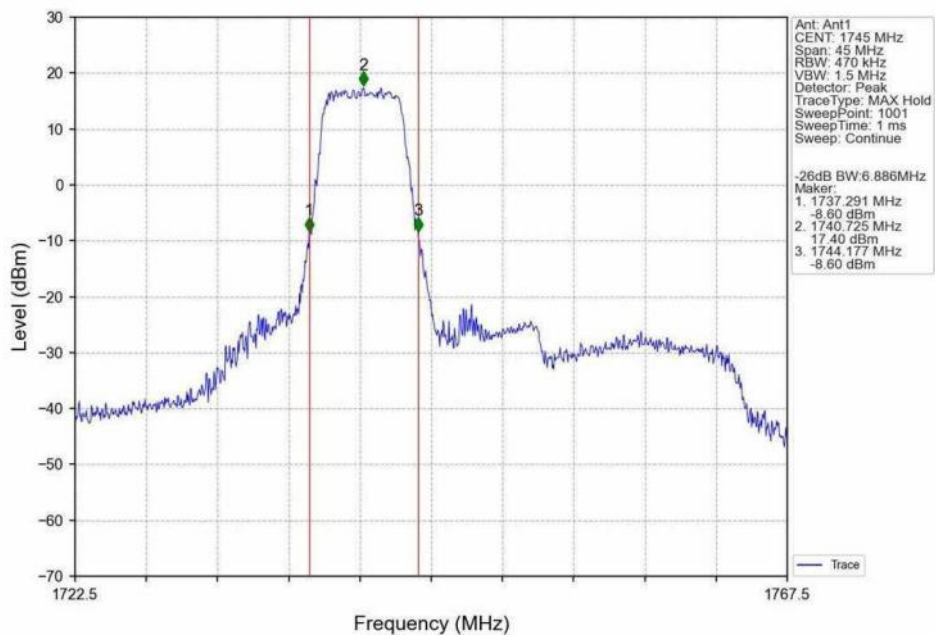
Band66_15MHz_QPSK_HCH_1772.5MHz_RB_75_0_NTNV



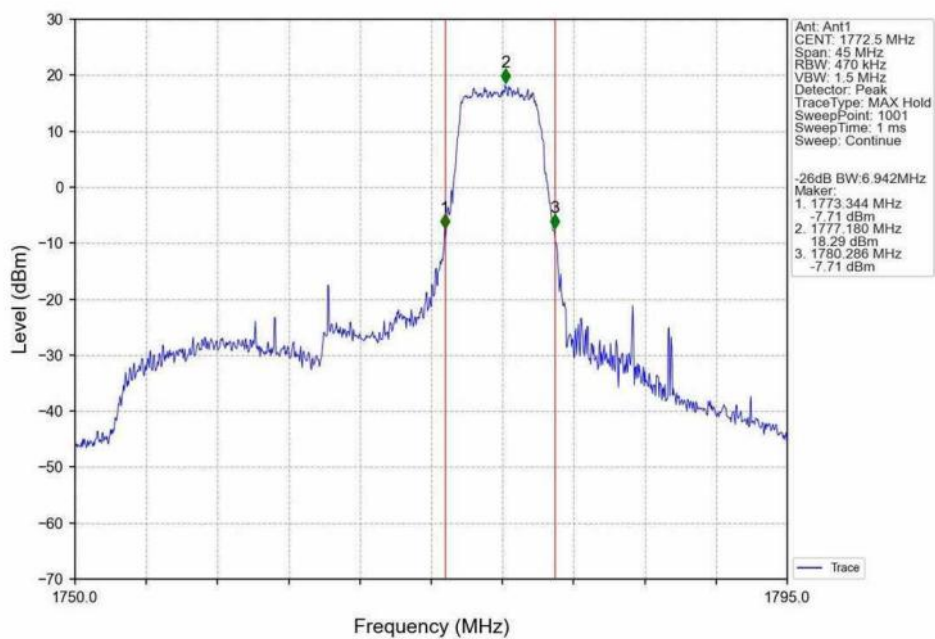
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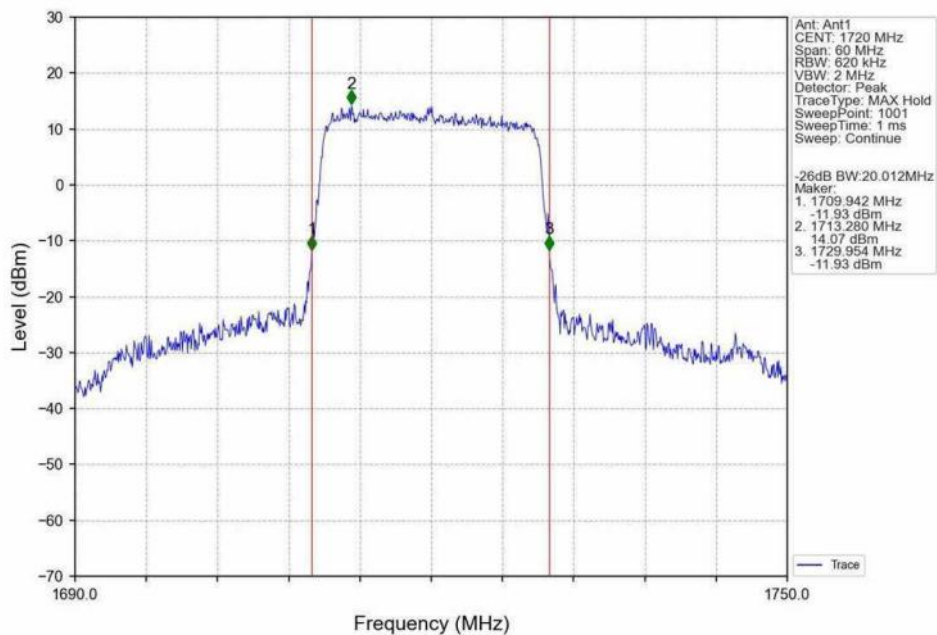
Band66_15MHz_16QAM_MCH_1745MHz_RB_27_0_NTNV



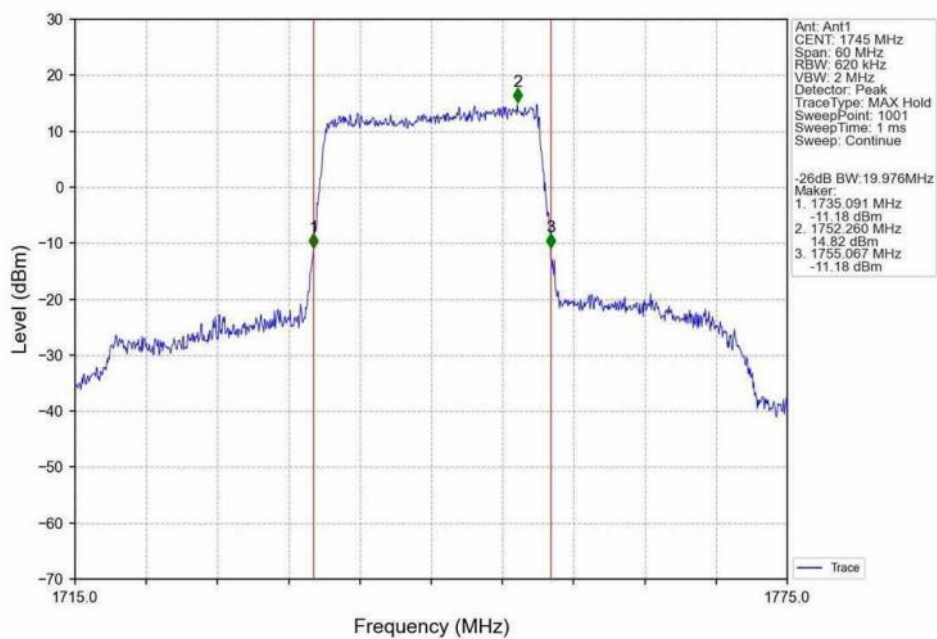
Band66_15MHz_16QAM_HCH_1772.5MHz_RB_27_48_NTNV



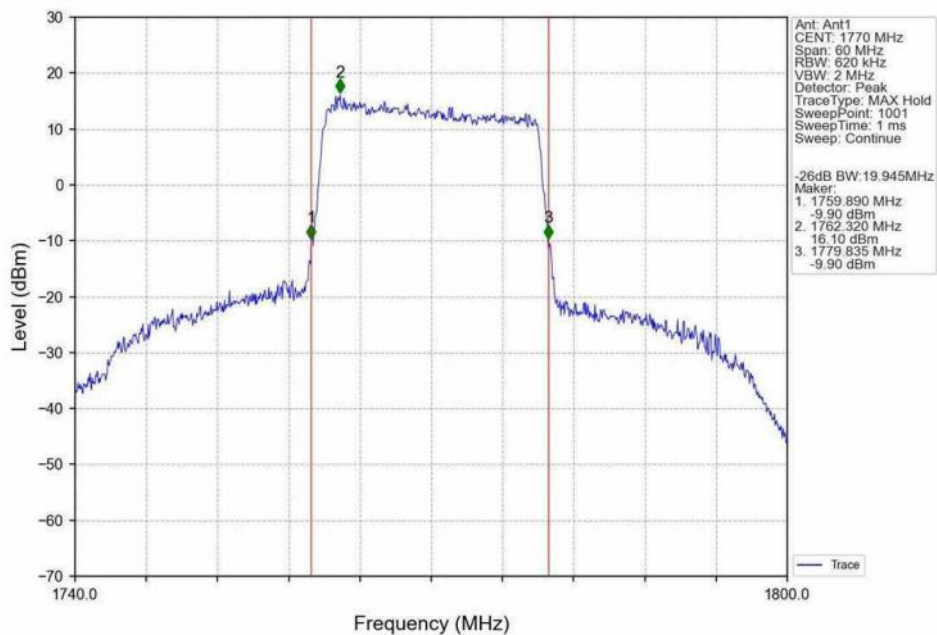
Band66_20MHz_QPSK_LCH_1720MHz_RB_100_0_NTNV



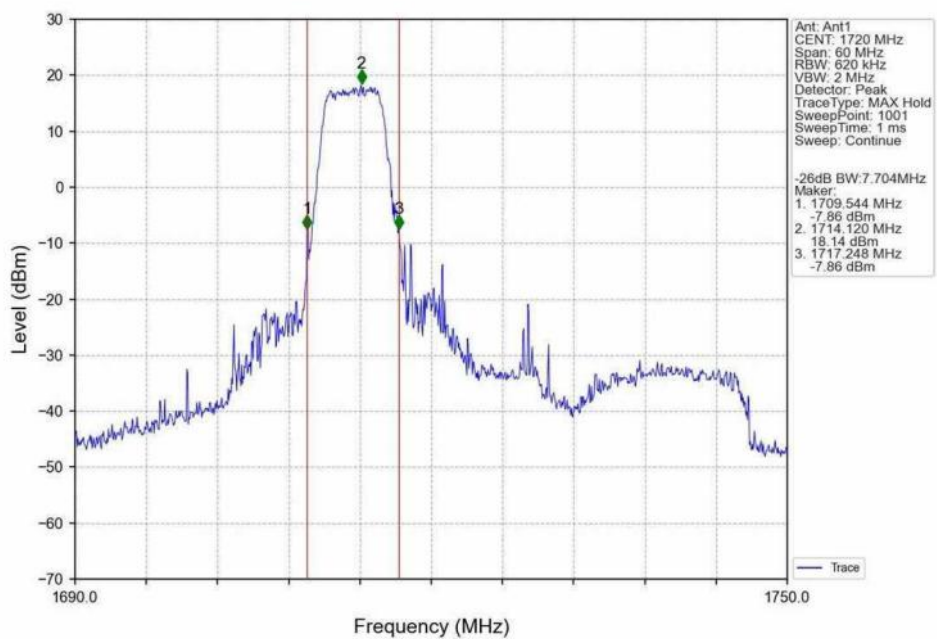
Band66_20MHz_QPSK_MCH_1745MHz_RB_100_0_NTNV



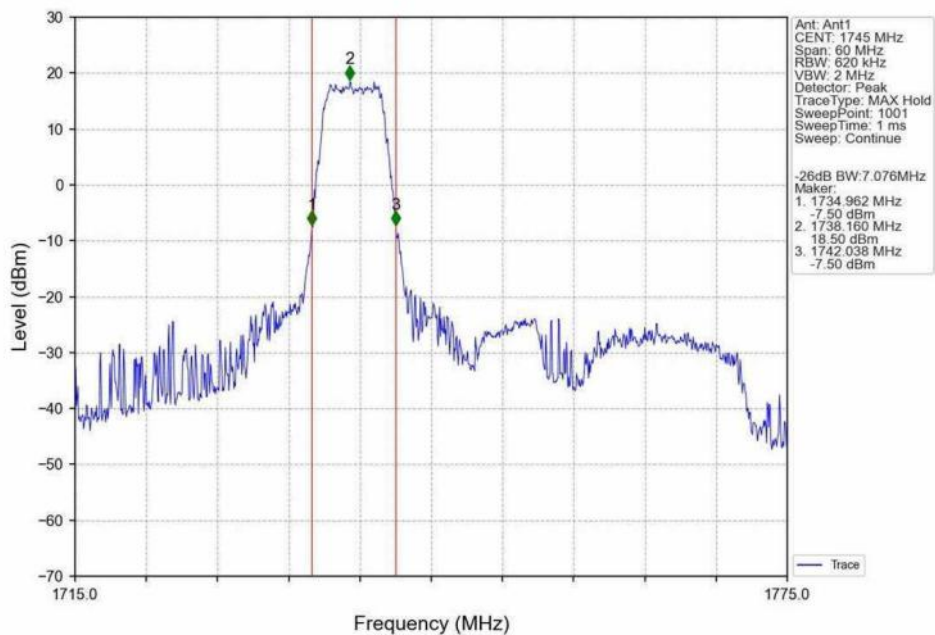
Band66_20MHz_QPSK_HCH_1770MHz_RB_100_0_NTNV



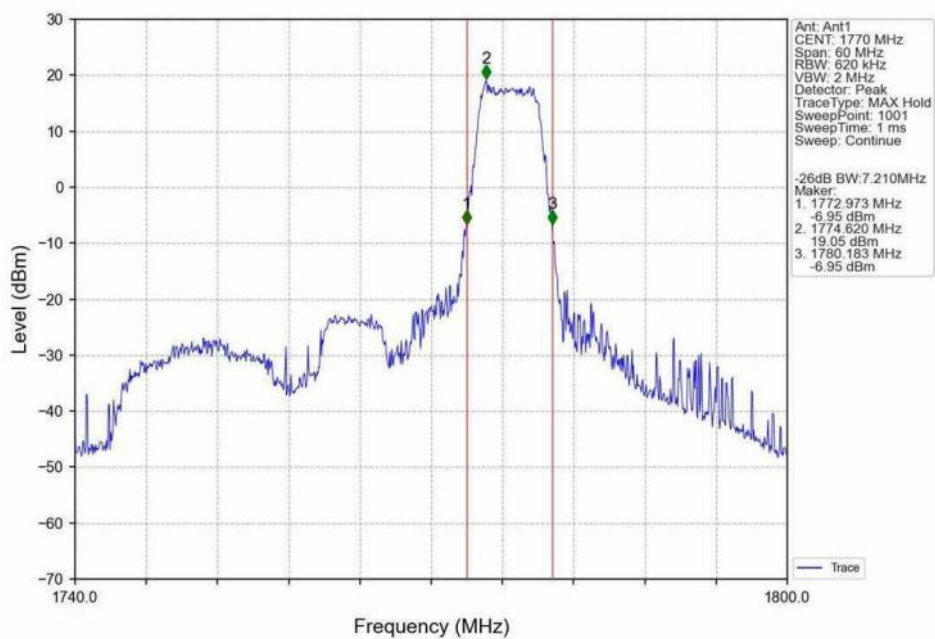
Band66_20MHz_16QAM_LCH_1720MHz_RB_27_0_NTNV



Band66_20MHz_16QAM_MCH_1745MHz_RB_27_0_NTNV



Band66_20MHz_16QAM_HCH_1770MHz_RB_27_73_NTNV



5. Peak-Average Ratio

5.1 Test Result

5.1.1 B66_1.4MHz

Band: 66 / Bandwidth: 1.4MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1710.7	6	0	4.94	<=13	Pass
	1745	6	0	5.26	<=13	Pass
	1779.3	6	0	4.92	<=13	Pass
16QAM	1710.7	6	0	6.55	<=13	Pass
	1745	6	0	6.53	<=13	Pass
	1779.3	6	0	6.46	<=13	Pass

5.1.2 B66_3MHz

Band: 66 / Bandwidth: 3MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1711.5	15	0	5.09	<=13	Pass
	1745	15	0	5.34	<=13	Pass
	1778.5	15	0	5.22	<=13	Pass
16QAM	1711.5	15	0	6.58	<=13	Pass
	1745	15	0	6.55	<=13	Pass
	1778.5	15	0	6.53	<=13	Pass

5.1.3 B66_5MHz

Band: 66 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1712.5	25	0	5.27	<=13	Pass
	1745	25	0	5.54	<=13	Pass
	1777.5	25	0	5.43	<=13	Pass
16QAM	1712.5	25	0	6.57	<=13	Pass
	1745	25	0	6.51	<=13	Pass
	1777.5	25	0	6.49	<=13	Pass

5.1.4 B66_10MHz

Band: 66 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1715	50	0	5.33	<=13	Pass
	1745	50	0	5.49	<=13	Pass
	1775	50	0	5.41	<=13	Pass
16QAM	1715	27	0	6.53	<=13	Pass
	1745	27	0	6.66	<=13	Pass

	1775	27	23	6.48	<=13	Pass
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5.1.5 B66_15MHz

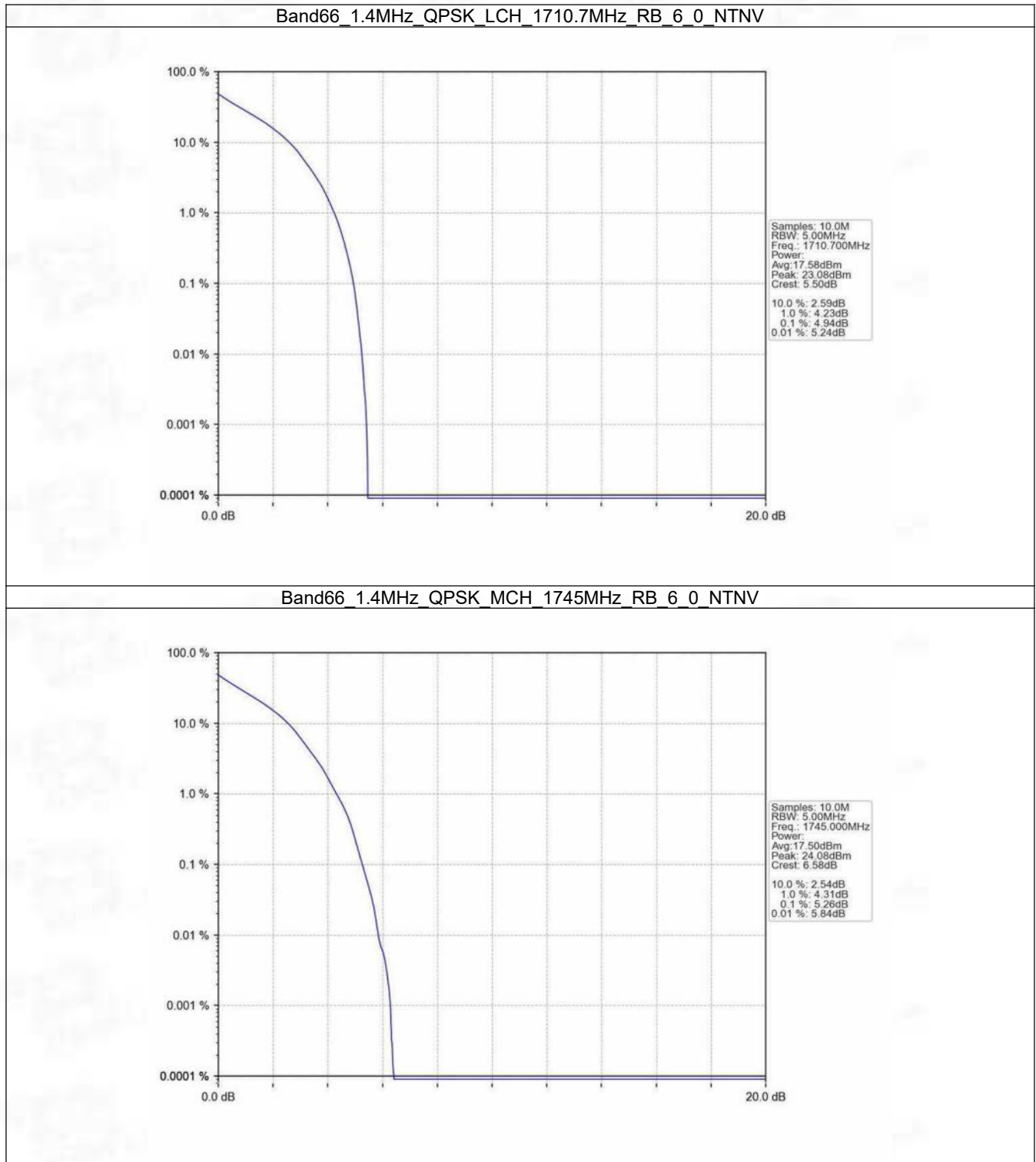
Band: 66 / Bandwidth: 15MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1717.5	75	0	5.40	<=13	Pass
	1745	75	0	5.64	<=13	Pass
	1772.5	75	0	5.45	<=13	Pass
16QAM	1717.5	27	0	6.47	<=13	Pass
	1745	27	0	6.68	<=13	Pass
	1772.5	27	48	6.50	<=13	Pass

5.1.6 B66_20MHz

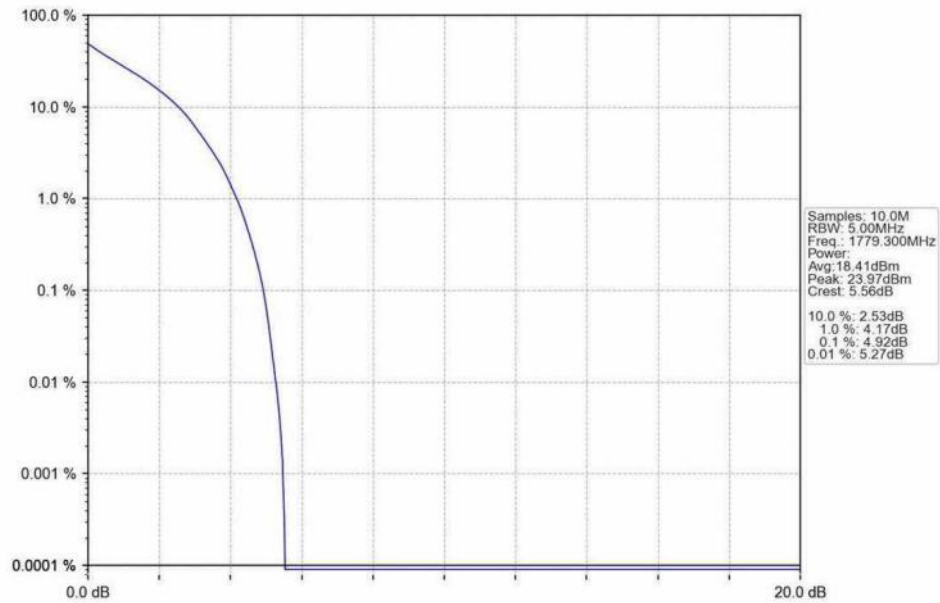
Band: 66 / Bandwidth: 20MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1720	100	0	5.36	<=13	Pass
	1745	100	0	5.47	<=13	Pass
	1770	100	0	5.26	<=13	Pass
16QAM	1720	27	0	6.70	<=13	Pass
	1745	27	0	6.72	<=13	Pass
	1770	27	73	6.62	<=13	Pass

5.2 Test Graph

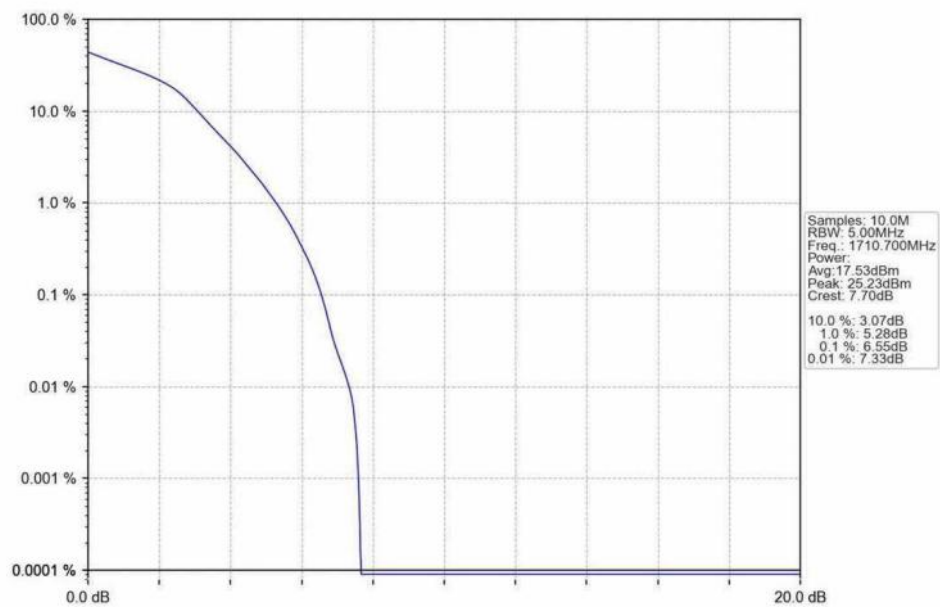
5.2.1 B66_1.4MHz



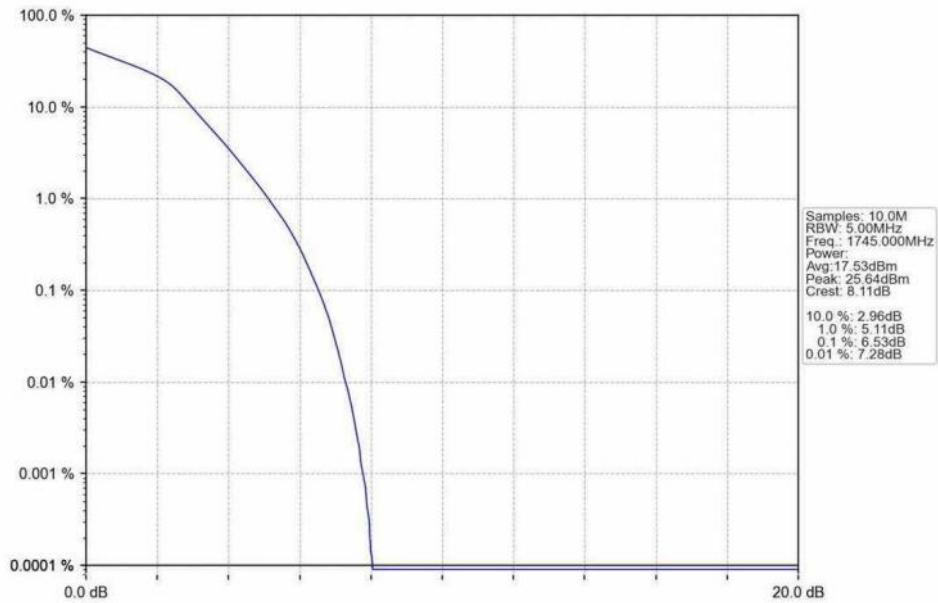
Band66_1.4MHz_QPSK_HCH_1779.3MHz_RB_6_0_NTNV



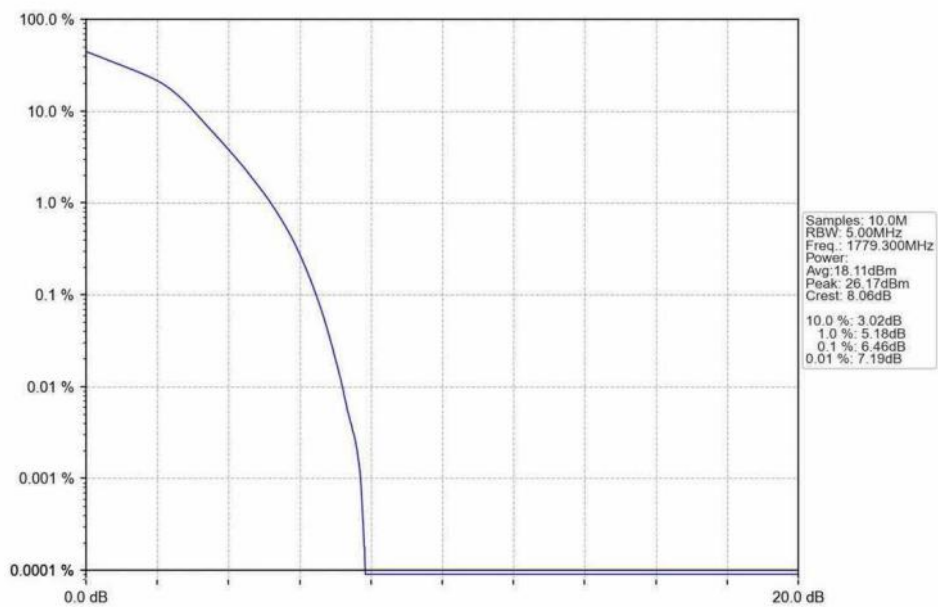
Band66_1.4MHz_16QAM_LCH_1710.7MHz_RB_6_0_NTNV



Band66_1.4MHz_16QAM_MCH_1745MHz_RB_6_0_NTNV



Band66_1.4MHz_16QAM_HCH_1779.3MHz_RB_6_0_NTNV



5.2.2 B66_3MHz

