

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	23.64	0.42	24.06	<=30	Pass		
			2	23.73	0.42	24.15	<=30	Pass		
			5	23.61	0.42	24.03	<=30	Pass		
		3	0	23.75	0.42	24.17	<=30	Pass		
			2	23.77	0.42	24.19	<=30	Pass		
			3	23.76	0.42	24.18	<=30	Pass		
		6	0	22.63	0.42	23.05	<=30	Pass		
		1745	1	0	23.68	0.42	24.10	<=30	Pass	
				2	23.79	0.42	24.21	<=30	Pass	
	5			23.68	0.42	24.10	<=30	Pass		
	3		0	23.76	0.42	24.18	<=30	Pass		
			2	23.79	0.42	24.21	<=30	Pass		
			3	23.78	0.42	24.20	<=30	Pass		
	6		0	22.63	0.42	23.05	<=30	Pass		
	1779.3		1	0	23.47	0.42	23.89	<=30	Pass	
				2	23.57	0.42	23.99	<=30	Pass	
		5		23.46	0.42	23.88	<=30	Pass		
		3	0	23.53	0.42	23.95	<=30	Pass		
			2	23.56	0.42	23.98	<=30	Pass		
			3	23.52	0.42	23.94	<=30	Pass		
		6	0	22.50	0.42	22.92	<=30	Pass		
		16QAM	1710.7	1	0	22.55	0.42	22.97	<=30	Pass
					2	22.69	0.42	23.11	<=30	Pass
	5				22.58	0.42	23.00	<=30	Pass	
	3			0	22.92	0.42	23.34	<=30	Pass	
				2	22.92	0.42	23.34	<=30	Pass	
				3	22.95	0.42	23.37	<=30	Pass	
6	0			21.70	0.42	22.12	<=30	Pass		
1745	1			0	22.60	0.42	23.02	<=30	Pass	
				2	22.73	0.42	23.15	<=30	Pass	
			5	22.67	0.42	23.09	<=30	Pass		
	3		0	22.79	0.42	23.21	<=30	Pass		
			2	22.79	0.42	23.21	<=30	Pass		
			3	22.78	0.42	23.20	<=30	Pass		
	6		0	21.61	0.42	22.03	<=30	Pass		
	1779.3		1	0	22.35	0.42	22.77	<=30	Pass	
				2	22.45	0.42	22.87	<=30	Pass	
5				22.36	0.42	22.78	<=30	Pass		
3			0	22.62	0.42	23.04	<=30	Pass		
			2	22.65	0.42	23.07	<=30	Pass		
			3	22.62	0.42	23.04	<=30	Pass		
6			0	21.48	0.42	21.90	<=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	23.78	0.42	24.20	<=30	Pass		
			7	23.94	0.42	24.36	<=30	Pass		
			14	23.76	0.42	24.18	<=30	Pass		
		8	0	22.70	0.42	23.12	<=30	Pass		
			4	22.77	0.42	23.19	<=30	Pass		
			7	22.79	0.42	23.21	<=30	Pass		
		15	0	22.75	0.42	23.17	<=30	Pass		
		1745	1	0	23.78	0.42	24.20	<=30	Pass	
				7	23.90	0.42	24.32	<=30	Pass	
	14			23.74	0.42	24.16	<=30	Pass		
	8		0	22.79	0.42	23.21	<=30	Pass		
			4	22.79	0.42	23.21	<=30	Pass		
			7	22.73	0.42	23.15	<=30	Pass		
	15		0	22.74	0.42	23.16	<=30	Pass		
	1778.5		1	0	23.59	0.42	24.01	<=30	Pass	
				7	23.77	0.42	24.19	<=30	Pass	
		14		23.63	0.42	24.05	<=30	Pass		
		8	0	22.54	0.42	22.96	<=30	Pass		
			4	22.59	0.42	23.01	<=30	Pass		
			7	22.55	0.42	22.97	<=30	Pass		
		15	0	22.50	0.42	22.92	<=30	Pass		
		16QAM	1711.5	1	0	23.30	0.42	23.72	<=30	Pass
					7	23.42	0.42	23.84	<=30	Pass
	14				23.29	0.42	23.71	<=30	Pass	
8	0			21.94	0.42	22.36	<=30	Pass		
	4			21.99	0.42	22.41	<=30	Pass		
	7			21.98	0.42	22.40	<=30	Pass		
15	0			21.86	0.42	22.28	<=30	Pass		
1745	1			0	22.95	0.42	23.37	<=30	Pass	
				7	23.02	0.42	23.44	<=30	Pass	
			14	22.93	0.42	23.35	<=30	Pass		
	8		0	21.75	0.42	22.17	<=30	Pass		
			4	21.79	0.42	22.21	<=30	Pass		
			7	21.75	0.42	22.17	<=30	Pass		
	15		0	21.81	0.42	22.23	<=30	Pass		
	1778.5		1	0	22.51	0.42	22.93	<=30	Pass	
				7	22.67	0.42	23.09	<=30	Pass	
14				22.48	0.42	22.90	<=30	Pass		
8			0	21.58	0.42	22.00	<=30	Pass		
			4	21.65	0.42	22.07	<=30	Pass		
			7	21.58	0.42	22.00	<=30	Pass		
15			0	21.56	0.42	21.98	<=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	23.63	0.42	24.05	<=30	Pass		
			13	23.77	0.42	24.19	<=30	Pass		
			24	23.68	0.42	24.10	<=30	Pass		
		12	0	22.58	0.42	23.00	<=30	Pass		
			6	22.72	0.42	23.14	<=30	Pass		
			13	22.70	0.42	23.12	<=30	Pass		
		25	0	22.69	0.42	23.11	<=30	Pass		
		1745	1	0	23.06	0.42	23.48	<=30	Pass	
				13	23.40	0.42	23.82	<=30	Pass	
	24			23.08	0.42	23.50	<=30	Pass		
	12		0	22.20	0.42	22.62	<=30	Pass		
			6	22.23	0.42	22.65	<=30	Pass		
			13	22.13	0.42	22.55	<=30	Pass		
	25		0	22.18	0.42	22.60	<=30	Pass		
	1777.5		1	0	22.87	0.42	23.29	<=30	Pass	
				13	23.00	0.42	23.42	<=30	Pass	
		24		22.85	0.42	23.27	<=30	Pass		
		12	0	22.24	0.42	22.66	<=30	Pass		
			6	22.48	0.42	22.90	<=30	Pass		
			13	22.42	0.42	22.84	<=30	Pass		
		25	0	22.39	0.42	22.81	<=30	Pass		
		16QAM	1712.5	1	0	22.46	0.42	22.88	<=30	Pass
					13	22.45	0.42	22.87	<=30	Pass
	24				22.23	0.42	22.65	<=30	Pass	
12	0			21.34	0.42	21.76	<=30	Pass		
	6			21.54	0.42	21.96	<=30	Pass		
	13			21.55	0.42	21.97	<=30	Pass		
25	0			21.66	0.42	22.08	<=30	Pass		
1745	1			0	22.38	0.42	22.80	<=30	Pass	
				13	22.47	0.42	22.89	<=30	Pass	
			24	22.37	0.42	22.79	<=30	Pass		
	12		0	21.29	0.42	21.71	<=30	Pass		
			6	21.31	0.42	21.73	<=30	Pass		
			13	21.20	0.42	21.62	<=30	Pass		
	25		0	21.24	0.42	21.66	<=30	Pass		
	1777.5		1	0	22.39	0.42	22.81	<=30	Pass	
				13	22.47	0.42	22.89	<=30	Pass	
24				22.31	0.42	22.73	<=30	Pass		
12			0	21.39	0.42	21.81	<=30	Pass		
			6	21.44	0.42	21.86	<=30	Pass		
			13	21.44	0.42	21.86	<=30	Pass		
25			0	21.40	0.42	21.82	<=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	23.66	0.42	24.08	<=30	Pass		
			25	23.94	0.42	24.36	<=30	Pass		
			49	23.58	0.42	24.00	<=30	Pass		
		25	0	22.47	0.42	22.89	<=30	Pass		
			13	22.37	0.42	22.79	<=30	Pass		
			25	22.36	0.42	22.78	<=30	Pass		
		50	0	22.31	0.42	22.73	<=30	Pass		
		1745	1	0	23.12	0.42	23.54	<=30	Pass	
				25	23.30	0.42	23.72	<=30	Pass	
	49			23.03	0.42	23.45	<=30	Pass		
	25		0	22.30	0.42	22.72	<=30	Pass		
			13	22.26	0.42	22.68	<=30	Pass		
			25	22.15	0.42	22.57	<=30	Pass		
	50		0	22.23	0.42	22.65	<=30	Pass		
	1775		1	0	23.02	0.42	23.44	<=30	Pass	
				25	23.24	0.42	23.66	<=30	Pass	
		49		22.94	0.42	23.36	<=30	Pass		
		25	0	21.93	0.42	22.35	<=30	Pass		
			13	22.01	0.42	22.43	<=30	Pass		
			25	22.04	0.42	22.46	<=30	Pass		
		50	0	21.99	0.42	22.41	<=30	Pass		
		16QAM	1715	1	0	22.70	0.42	23.12	<=30	Pass
					25	22.95	0.42	23.37	<=30	Pass
	49				22.77	0.42	23.19	<=30	Pass	
25	0			21.30	0.42	21.72	<=30	Pass		
	13			21.40	0.42	21.82	<=30	Pass		
	25			21.47	0.42	21.89	<=30	Pass		
50	0			21.34	0.42	21.76	<=30	Pass		
1745	1			0	22.33	0.42	22.75	<=30	Pass	
				25	22.52	0.42	22.94	<=30	Pass	
			49	22.23	0.42	22.65	<=30	Pass		
	25		0	21.38	0.42	21.80	<=30	Pass		
			13	21.34	0.42	21.76	<=30	Pass		
			25	21.27	0.42	21.69	<=30	Pass		
	50		0	21.33	0.42	21.75	<=30	Pass		
	1775		1	0	21.92	0.42	22.34	<=30	Pass	
				25	22.10	0.42	22.52	<=30	Pass	
49				21.90	0.42	22.32	<=30	Pass		
25			0	21.01	0.42	21.43	<=30	Pass		
			13	21.12	0.42	21.54	<=30	Pass		
			25	21.25	0.42	21.67	<=30	Pass		
50			0	21.22	0.42	21.64	<=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	22.98	0.42	23.40	<=30	Pass		
			38	23.19	0.42	23.61	<=30	Pass		
			74	22.98	0.42	23.40	<=30	Pass		
		36	0	22.12	0.42	22.54	<=30	Pass		
			18	22.25	0.42	22.67	<=30	Pass		
			39	22.30	0.42	22.72	<=30	Pass		
		75	0	22.25	0.42	22.67	<=30	Pass		
		1745	1	0	23.01	0.42	23.43	<=30	Pass	
				38	23.10	0.42	23.52	<=30	Pass	
	74			22.86	0.42	23.28	<=30	Pass		
	36		0	22.21	0.42	22.63	<=30	Pass		
			18	22.21	0.42	22.63	<=30	Pass		
			39	22.10	0.42	22.52	<=30	Pass		
	75		0	22.23	0.42	22.65	<=30	Pass		
	1772.5		1	0	22.88	0.42	23.30	<=30	Pass	
				38	23.02	0.42	23.44	<=30	Pass	
		74		22.76	0.42	23.18	<=30	Pass		
		36	0	22.00	0.42	22.42	<=30	Pass		
			18	22.11	0.42	22.53	<=30	Pass		
			39	22.10	0.42	22.52	<=30	Pass		
		75	0	22.06	0.42	22.48	<=30	Pass		
		16QAM	1717.5	1	0	22.60	0.42	23.02	<=30	Pass
					38	22.83	0.42	23.25	<=30	Pass
	74				22.62	0.42	23.04	<=30	Pass	
36	0			21.18	0.42	21.60	<=30	Pass		
	18			21.29	0.42	21.71	<=30	Pass		
	39			21.33	0.42	21.75	<=30	Pass		
75	0			21.26	0.42	21.68	<=30	Pass		
1745	1			0	22.25	0.42	22.67	<=30	Pass	
				38	22.34	0.42	22.76	<=30	Pass	
			74	22.06	0.42	22.48	<=30	Pass		
	36		0	21.25	0.42	21.67	<=30	Pass		
			18	21.22	0.42	21.64	<=30	Pass		
			39	21.11	0.42	21.53	<=30	Pass		
	75		0	21.23	0.42	21.65	<=30	Pass		
	1772.5		1	0	22.07	0.42	22.49	<=30	Pass	
				38	22.20	0.42	22.62	<=30	Pass	
74				22.04	0.42	22.46	<=30	Pass		
36			0	20.95	0.42	21.37	<=30	Pass		
			18	21.00	0.42	21.42	<=30	Pass		
			39	21.00	0.42	21.42	<=30	Pass		
75			0	20.99	0.42	21.41	<=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	22.86	0.42	23.28	<=30	Pass		
			50	23.32	0.42	23.74	<=30	Pass		
			99	22.85	0.42	23.27	<=30	Pass		
		50	0	22.06	0.42	22.48	<=30	Pass		
			25	22.20	0.42	22.62	<=30	Pass		
			50	22.25	0.42	22.67	<=30	Pass		
		100	0	22.13	0.42	22.55	<=30	Pass		
		1745	1	0	22.88	0.42	23.30	<=30	Pass	
				50	23.28	0.42	23.70	<=30	Pass	
	99			22.76	0.42	23.18	<=30	Pass		
	50		0	22.32	0.42	22.74	<=30	Pass		
			25	22.19	0.42	22.61	<=30	Pass		
			50	22.04	0.42	22.46	<=30	Pass		
	100		0	22.21	0.42	22.63	<=30	Pass		
	1770		1	0	22.66	0.42	23.08	<=30	Pass	
				50	23.12	0.42	23.54	<=30	Pass	
		99		22.53	0.42	22.95	<=30	Pass		
		50	0	21.87	0.42	22.29	<=30	Pass		
			25	21.98	0.42	22.40	<=30	Pass		
			50	22.02	0.42	22.44	<=30	Pass		
		100	0	21.96	0.42	22.38	<=30	Pass		
		16QAM	1720	1	0	22.18	0.42	22.60	<=30	Pass
					50	22.64	0.42	23.06	<=30	Pass
	99				22.23	0.42	22.65	<=30	Pass	
50	0			21.10	0.42	21.52	<=30	Pass		
	25			21.25	0.42	21.67	<=30	Pass		
	50			21.32	0.42	21.74	<=30	Pass		
100	0			21.16	0.42	21.58	<=30	Pass		
1745	1			0	22.16	0.42	22.58	<=30	Pass	
				50	22.50	0.42	22.92	<=30	Pass	
			99	21.99	0.42	22.41	<=30	Pass		
	50		0	21.39	0.42	21.81	<=30	Pass		
			25	21.25	0.42	21.67	<=30	Pass		
			50	21.10	0.42	21.52	<=30	Pass		
	100		0	21.27	0.42	21.69	<=30	Pass		
	1770		1	0	22.16	0.42	22.58	<=30	Pass	
				50	22.50	0.42	22.92	<=30	Pass	
99				22.09	0.42	22.51	<=30	Pass		
50			0	20.89	0.42	21.31	<=30	Pass		
			25	20.92	0.42	21.34	<=30	Pass		
			50	20.99	0.42	21.41	<=30	Pass		
100			0	20.98	0.42	21.40	<=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	-5.879	-0.0034	-2.5 to 2.5	Pass
					3.85	-16.680	-0.0098	-2.5 to 2.5	Pass
					4.43	-19.770	-0.0116	-2.5 to 2.5	Pass
				-30	3.85	-0.057	0.0000	-2.5 to 2.5	Pass
				-20	3.85	-4.935	-0.0029	-2.5 to 2.5	Pass
				-10	3.85	-5.980	-0.0035	-2.5 to 2.5	Pass
				0	3.85	-0.043	0.0000	-2.5 to 2.5	Pass
				10	3.85	-2.775	-0.0016	-2.5 to 2.5	Pass
				30	3.85	-10.386	-0.0061	-2.5 to 2.5	Pass
				40	3.85	-2.761	-0.0016	-2.5 to 2.5	Pass
	50	3.85	-9.212	-0.0054	-2.5 to 2.5	Pass			
	1745	6	0	20	3.27	0.415	0.0002	-2.5 to 2.5	Pass
					3.85	-6.180	-0.0035	-2.5 to 2.5	Pass
					4.43	-16.108	-0.0092	-2.5 to 2.5	Pass
				-30	3.85	-6.323	-0.0036	-2.5 to 2.5	Pass
				-20	3.85	-7.167	-0.0041	-2.5 to 2.5	Pass
				-10	3.85	-1.974	-0.0011	-2.5 to 2.5	Pass
				0	3.85	-18.811	-0.0108	-2.5 to 2.5	Pass
				10	3.85	-3.405	-0.0020	-2.5 to 2.5	Pass
				30	3.85	-4.992	-0.0029	-2.5 to 2.5	Pass
				40	3.85	-5.407	-0.0031	-2.5 to 2.5	Pass
	50	3.85	-7.467	-0.0043	-2.5 to 2.5	Pass			
	1779.3	6	0	20	3.27	5.436	0.0031	-2.5 to 2.5	Pass
					3.85	-3.591	-0.0020	-2.5 to 2.5	Pass
					4.43	-4.005	-0.0023	-2.5 to 2.5	Pass
				-30	3.85	2.732	0.0015	-2.5 to 2.5	Pass
				-20	3.85	-8.783	-0.0049	-2.5 to 2.5	Pass
				-10	3.85	-0.973	-0.0005	-2.5 to 2.5	Pass
				0	3.85	-2.203	-0.0012	-2.5 to 2.5	Pass
				10	3.85	-3.448	-0.0019	-2.5 to 2.5	Pass
30				3.85	-7.353	-0.0041	-2.5 to 2.5	Pass	
40				3.85	-1.330	-0.0007	-2.5 to 2.5	Pass	
50	3.85	-7.310	-0.0041	-2.5 to 2.5	Pass				
16QAM	1710.7	6	0	20	3.27	-6.537	-0.0038	-2.5 to 2.5	Pass
					3.85	3.290	0.0019	-2.5 to 2.5	Pass
					4.43	-10.414	-0.0061	-2.5 to 2.5	Pass
				-30	3.85	-11.230	-0.0066	-2.5 to 2.5	Pass
				-20	3.85	-3.033	-0.0018	-2.5 to 2.5	Pass
				-10	3.85	9.842	0.0058	-2.5 to 2.5	Pass
				0	3.85	-1.688	-0.0010	-2.5 to 2.5	Pass
				10	3.85	-2.489	-0.0015	-2.5 to 2.5	Pass
				30	3.85	0.186	0.0001	-2.5 to 2.5	Pass
				40	3.85	-15.593	-0.0091	-2.5 to 2.5	Pass
50	3.85	6.809	0.0040	-2.5 to 2.5	Pass				
	1745	6	0	20	3.27	-6.309	-0.0036	-2.5 to 2.5	Pass

					3.85	-14.548	-0.0083	-2.5 to 2.5	Pass	
					4.43	0.329	0.0002	-2.5 to 2.5	Pass	
				-30	3.85	-10.057	-0.0058	-2.5 to 2.5	Pass	
				-20	3.85	-1.960	-0.0011	-2.5 to 2.5	Pass	
				-10	3.85	-1.917	-0.0011	-2.5 to 2.5	Pass	
				0	3.85	5.593	0.0032	-2.5 to 2.5	Pass	
				10	3.85	-6.294	-0.0036	-2.5 to 2.5	Pass	
				30	3.85	-11.659	-0.0067	-2.5 to 2.5	Pass	
				40	3.85	4.506	0.0026	-2.5 to 2.5	Pass	
				50	3.85	-10.686	-0.0061	-2.5 to 2.5	Pass	
	1779.3	6	0	20		3.27	1.988	0.0011	-2.5 to 2.5	Pass
						3.85	-6.323	-0.0036	-2.5 to 2.5	Pass
						4.43	-1.903	-0.0011	-2.5 to 2.5	Pass
				-30	3.85	-16.093	-0.0090	-2.5 to 2.5	Pass	
				-20	3.85	-4.492	-0.0025	-2.5 to 2.5	Pass	
				-10	3.85	-4.821	-0.0027	-2.5 to 2.5	Pass	
				0	3.85	-7.339	-0.0041	-2.5 to 2.5	Pass	
				10	3.85	-0.186	-0.0001	-2.5 to 2.5	Pass	
				30	3.85	-25.263	-0.0142	-2.5 to 2.5	Pass	
				40	3.85	-7.010	-0.0039	-2.5 to 2.5	Pass	
50	3.85	-4.363	-0.0025	-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	-3.262	-0.0019	-2.5 to 2.5	Pass
						3.85	-15.407	-0.0090	-2.5 to 2.5	Pass
						4.43	-16.437	-0.0096	-2.5 to 2.5	Pass
				-30	3.85	-17.281	-0.0101	-2.5 to 2.5	Pass	
				-20	3.85	-10.986	-0.0064	-2.5 to 2.5	Pass	
				-10	3.85	-17.467	-0.0102	-2.5 to 2.5	Pass	
				0	3.85	-16.036	-0.0094	-2.5 to 2.5	Pass	
				10	3.85	-11.544	-0.0067	-2.5 to 2.5	Pass	
				30	3.85	-8.669	-0.0051	-2.5 to 2.5	Pass	
				40	3.85	-8.240	-0.0048	-2.5 to 2.5	Pass	
	50	3.85	-9.470	-0.0055	-2.5 to 2.5	Pass				
	1745	15	0	20		3.27	11.759	0.0067	-2.5 to 2.5	Pass
						3.85	-1.388	-0.0008	-2.5 to 2.5	Pass
						4.43	1.330	0.0008	-2.5 to 2.5	Pass
				-30	3.85	-8.154	-0.0047	-2.5 to 2.5	Pass	
				-20	3.85	-6.638	-0.0038	-2.5 to 2.5	Pass	
				-10	3.85	-10.214	-0.0059	-2.5 to 2.5	Pass	
				0	3.85	-12.188	-0.0070	-2.5 to 2.5	Pass	
				10	3.85	-9.084	-0.0052	-2.5 to 2.5	Pass	
				30	3.85	-6.194	-0.0035	-2.5 to 2.5	Pass	
40				3.85	2.174	0.0012	-2.5 to 2.5	Pass		
50	3.85	0.215	0.0001	-2.5 to 2.5	Pass					
1778.5	15	0	20		3.27	1.960	0.0011	-2.5 to 2.5	Pass	
					3.85	10.500	0.0059	-2.5 to 2.5	Pass	

					4.43	12.946	0.0073	-2.5 to 2.5	Pass
				-30	3.85	6.938	0.0039	-2.5 to 2.5	Pass
				-20	3.85	1.359	0.0008	-2.5 to 2.5	Pass
				-10	3.85	-2.875	-0.0016	-2.5 to 2.5	Pass
				0	3.85	3.676	0.0021	-2.5 to 2.5	Pass
				10	3.85	-3.319	-0.0019	-2.5 to 2.5	Pass
				30	3.85	-10.543	-0.0059	-2.5 to 2.5	Pass
				40	3.85	-1.459	-0.0008	-2.5 to 2.5	Pass
				50	3.85	-8.240	-0.0046	-2.5 to 2.5	Pass
16QAM	1711.5	15	0	20	3.27	-2.217	-0.0013	-2.5 to 2.5	Pass
					3.85	-12.174	-0.0071	-2.5 to 2.5	Pass
					4.43	-6.423	-0.0038	-2.5 to 2.5	Pass
				-30	3.85	-13.747	-0.0080	-2.5 to 2.5	Pass
				-20	3.85	5.550	0.0032	-2.5 to 2.5	Pass
				-10	3.85	5.665	0.0033	-2.5 to 2.5	Pass
				0	3.85	-1.202	-0.0007	-2.5 to 2.5	Pass
				10	3.85	-4.578	-0.0027	-2.5 to 2.5	Pass
				30	3.85	-1.431	-0.0008	-2.5 to 2.5	Pass
				40	3.85	-10.629	-0.0062	-2.5 to 2.5	Pass
	50	3.85	-5.078	-0.0030	-2.5 to 2.5	Pass			
	1745	15	0	20	3.27	0.987	0.0006	-2.5 to 2.5	Pass
					3.85	4.277	0.0025	-2.5 to 2.5	Pass
					4.43	8.011	0.0046	-2.5 to 2.5	Pass
				-30	3.85	9.599	0.0055	-2.5 to 2.5	Pass
				-20	3.85	-0.730	-0.0004	-2.5 to 2.5	Pass
				-10	3.85	-1.688	-0.0010	-2.5 to 2.5	Pass
				0	3.85	2.360	0.0014	-2.5 to 2.5	Pass
				10	3.85	-10.529	-0.0060	-2.5 to 2.5	Pass
				30	3.85	-5.636	-0.0032	-2.5 to 2.5	Pass
				40	3.85	2.646	0.0015	-2.5 to 2.5	Pass
	50	3.85	-11.787	-0.0068	-2.5 to 2.5	Pass			
	1778.5	15	0	20	3.27	5.064	0.0028	-2.5 to 2.5	Pass
					3.85	-2.475	-0.0014	-2.5 to 2.5	Pass
					4.43	-4.706	-0.0026	-2.5 to 2.5	Pass
				-30	3.85	0.186	0.0001	-2.5 to 2.5	Pass
				-20	3.85	-3.405	-0.0019	-2.5 to 2.5	Pass
				-10	3.85	-3.419	-0.0019	-2.5 to 2.5	Pass
				0	3.85	4.034	0.0023	-2.5 to 2.5	Pass
				10	3.85	-15.965	-0.0090	-2.5 to 2.5	Pass
30				3.85	-3.848	-0.0022	-2.5 to 2.5	Pass	
40				3.85	-4.749	-0.0027	-2.5 to 2.5	Pass	
50	3.85	-15.421	-0.0087	-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	-1.616	-0.0009	-2.5 to 2.5	Pass
					3.85	-6.824	-0.0040	-2.5 to 2.5	Pass
					4.43	-0.215	-0.0001	-2.5 to 2.5	Pass

				-30	3.85	-6.566	-0.0038	-2.5 to 2.5	Pass			
				-20	3.85	-12.302	-0.0072	-2.5 to 2.5	Pass			
				-10	3.85	-10.471	-0.0061	-2.5 to 2.5	Pass			
				0	3.85	-13.261	-0.0077	-2.5 to 2.5	Pass			
				10	3.85	-8.483	-0.0050	-2.5 to 2.5	Pass			
				30	3.85	-6.180	-0.0036	-2.5 to 2.5	Pass			
				40	3.85	-12.989	-0.0076	-2.5 to 2.5	Pass			
				50	3.85	-4.120	-0.0024	-2.5 to 2.5	Pass			
				1745	25	0	20	3.27	-2.017	-0.0012	-2.5 to 2.5	Pass
								3.85	-2.661	-0.0015	-2.5 to 2.5	Pass
	4.43	1.445	0.0008					-2.5 to 2.5	Pass			
	-30	3.85	-0.501				-0.0003	-2.5 to 2.5	Pass			
	-20	3.85	-5.465				-0.0031	-2.5 to 2.5	Pass			
	-10	3.85	-2.918				-0.0017	-2.5 to 2.5	Pass			
	0	3.85	-7.911				-0.0045	-2.5 to 2.5	Pass			
	10	3.85	-6.294				-0.0036	-2.5 to 2.5	Pass			
	30	3.85	-2.117				-0.0012	-2.5 to 2.5	Pass			
	40	3.85	-6.394				-0.0037	-2.5 to 2.5	Pass			
	50	3.85	-1.631	-0.0009	-2.5 to 2.5	Pass						
	1777.5	25	0	20	3.27	6.552	0.0037	-2.5 to 2.5	Pass			
					3.85	5.593	0.0031	-2.5 to 2.5	Pass			
					4.43	3.262	0.0018	-2.5 to 2.5	Pass			
				-30	3.85	8.712	0.0049	-2.5 to 2.5	Pass			
				-20	3.85	-3.104	-0.0017	-2.5 to 2.5	Pass			
				-10	3.85	2.961	0.0017	-2.5 to 2.5	Pass			
				0	3.85	-18.539	-0.0104	-2.5 to 2.5	Pass			
				10	3.85	0.772	0.0004	-2.5 to 2.5	Pass			
				30	3.85	3.948	0.0022	-2.5 to 2.5	Pass			
				40	3.85	-10.157	-0.0057	-2.5 to 2.5	Pass			
	50	3.85	0.257	0.0001	-2.5 to 2.5	Pass						
16QAM	1712.5	25	0	20	3.27	-4.663	-0.0027	-2.5 to 2.5	Pass			
					3.85	-1.216	-0.0007	-2.5 to 2.5	Pass			
					4.43	-5.493	-0.0032	-2.5 to 2.5	Pass			
				-30	3.85	-0.329	-0.0002	-2.5 to 2.5	Pass			
				-20	3.85	-7.854	-0.0046	-2.5 to 2.5	Pass			
				-10	3.85	3.963	0.0023	-2.5 to 2.5	Pass			
				0	3.85	-5.150	-0.0030	-2.5 to 2.5	Pass			
				10	3.85	-2.475	-0.0014	-2.5 to 2.5	Pass			
				30	3.85	-0.172	-0.0001	-2.5 to 2.5	Pass			
				40	3.85	-1.888	-0.0011	-2.5 to 2.5	Pass			
	50	3.85	-7.868	-0.0046	-2.5 to 2.5	Pass						
	1745	25	0	20	3.27	-8.984	-0.0051	-2.5 to 2.5	Pass			
					3.85	3.948	0.0023	-2.5 to 2.5	Pass			
					4.43	2.804	0.0016	-2.5 to 2.5	Pass			
				-30	3.85	-8.497	-0.0049	-2.5 to 2.5	Pass			
				-20	3.85	-8.554	-0.0049	-2.5 to 2.5	Pass			
				-10	3.85	-1.516	-0.0009	-2.5 to 2.5	Pass			
				0	3.85	-6.423	-0.0037	-2.5 to 2.5	Pass			
				10	3.85	-13.032	-0.0075	-2.5 to 2.5	Pass			
				30	3.85	-7.210	-0.0041	-2.5 to 2.5	Pass			
				40	3.85	-8.669	-0.0050	-2.5 to 2.5	Pass			
	50	3.85	7.811	0.0045	-2.5 to 2.5	Pass						
	1777.5	25	0	20	3.27	1.874	0.0011	-2.5 to 2.5	Pass			
					3.85	-4.950	-0.0028	-2.5 to 2.5	Pass			
					4.43	-2.360	-0.0013	-2.5 to 2.5	Pass			
				-30	3.85	-5.307	-0.0030	-2.5 to 2.5	Pass			

				-20	3.85	0.944	0.0005	-2.5 to 2.5	Pass
				-10	3.85	-4.077	-0.0023	-2.5 to 2.5	Pass
				0	3.85	-2.618	-0.0015	-2.5 to 2.5	Pass
				10	3.85	4.120	0.0023	-2.5 to 2.5	Pass
				30	3.85	-4.191	-0.0024	-2.5 to 2.5	Pass
				40	3.85	1.674	0.0009	-2.5 to 2.5	Pass
				50	3.85	3.104	0.0017	-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	-8.168	-0.0048	-2.5 to 2.5	Pass
					3.85	-5.093	-0.0030	-2.5 to 2.5	Pass
					4.43	-13.962	-0.0081	-2.5 to 2.5	Pass
				-30	3.85	-11.702	-0.0068	-2.5 to 2.5	Pass
				-20	3.85	-7.124	-0.0042	-2.5 to 2.5	Pass
				-10	3.85	-9.856	-0.0057	-2.5 to 2.5	Pass
				0	3.85	-12.703	-0.0074	-2.5 to 2.5	Pass
				10	3.85	-7.582	-0.0044	-2.5 to 2.5	Pass
				30	3.85	-10.471	-0.0061	-2.5 to 2.5	Pass
				40	3.85	-5.450	-0.0032	-2.5 to 2.5	Pass
	50	3.85	-3.691	-0.0022	-2.5 to 2.5	Pass			
	1745	50	0	20	3.27	-5.136	-0.0029	-2.5 to 2.5	Pass
					3.85	-4.463	-0.0026	-2.5 to 2.5	Pass
					4.43	-8.984	-0.0051	-2.5 to 2.5	Pass
				-30	3.85	-11.244	-0.0064	-2.5 to 2.5	Pass
				-20	3.85	-5.350	-0.0031	-2.5 to 2.5	Pass
				-10	3.85	-4.234	-0.0024	-2.5 to 2.5	Pass
				0	3.85	-7.682	-0.0044	-2.5 to 2.5	Pass
				10	3.85	-3.219	-0.0018	-2.5 to 2.5	Pass
				30	3.85	-3.419	-0.0020	-2.5 to 2.5	Pass
				40	3.85	-6.266	-0.0036	-2.5 to 2.5	Pass
	50	3.85	-0.215	-0.0001	-2.5 to 2.5	Pass			
	1775	50	0	20	3.27	-3.748	-0.0021	-2.5 to 2.5	Pass
					3.85	4.849	0.0027	-2.5 to 2.5	Pass
					4.43	2.975	0.0017	-2.5 to 2.5	Pass
				-30	3.85	-6.194	-0.0035	-2.5 to 2.5	Pass
				-20	3.85	-3.633	-0.0020	-2.5 to 2.5	Pass
				-10	3.85	-0.072	0.0000	-2.5 to 2.5	Pass
				0	3.85	-5.264	-0.0030	-2.5 to 2.5	Pass
				10	3.85	-15.707	-0.0088	-2.5 to 2.5	Pass
30				3.85	-3.061	-0.0017	-2.5 to 2.5	Pass	
40				3.85	-0.772	-0.0004	-2.5 to 2.5	Pass	
50	3.85	-3.505	-0.0020	-2.5 to 2.5	Pass				
16QAM	1715	50	0	20	3.27	-2.146	-0.0013	-2.5 to 2.5	Pass
					3.85	-4.306	-0.0025	-2.5 to 2.5	Pass
					4.43	-2.446	-0.0014	-2.5 to 2.5	Pass
				-30	3.85	1.574	0.0009	-2.5 to 2.5	Pass
				-20	3.85	-3.676	-0.0021	-2.5 to 2.5	Pass

	1745	50	0	-10	3.85	-3.734	-0.0022	-2.5 to 2.5	Pass
				0	3.85	2.074	0.0012	-2.5 to 2.5	Pass
				10	3.85	-1.860	-0.0011	-2.5 to 2.5	Pass
				30	3.85	-3.619	-0.0021	-2.5 to 2.5	Pass
				40	3.85	-0.129	-0.0001	-2.5 to 2.5	Pass
				50	3.85	-3.405	-0.0020	-2.5 to 2.5	Pass
	1775	50	0	20	3.27	-5.965	-0.0034	-2.5 to 2.5	Pass
					3.85	-2.661	-0.0015	-2.5 to 2.5	Pass
					4.43	-7.582	-0.0043	-2.5 to 2.5	Pass
				-30	3.85	-1.416	-0.0008	-2.5 to 2.5	Pass
				-20	3.85	-4.692	-0.0027	-2.5 to 2.5	Pass
				-10	3.85	-3.705	-0.0021	-2.5 to 2.5	Pass
				0	3.85	-5.679	-0.0033	-2.5 to 2.5	Pass
				10	3.85	-4.678	-0.0027	-2.5 to 2.5	Pass
				30	3.85	-6.051	-0.0035	-2.5 to 2.5	Pass
				40	3.85	-1.745	-0.0010	-2.5 to 2.5	Pass
				50	3.85	1.659	0.0010	-2.5 to 2.5	Pass
				1775	50	0	20	3.27	-4.292
	3.85	-1.645	-0.0009					-2.5 to 2.5	Pass
	4.43	-7.997	-0.0045					-2.5 to 2.5	Pass
	-30	3.85	-5.093				-0.0029	-2.5 to 2.5	Pass
	-20	3.85	-6.924				-0.0039	-2.5 to 2.5	Pass
	-10	3.85	-4.764				-0.0027	-2.5 to 2.5	Pass
	0	3.85	-3.805				-0.0021	-2.5 to 2.5	Pass
10	3.85	-5.307	-0.0030				-2.5 to 2.5	Pass	
30	3.85	-0.014	0.0000				-2.5 to 2.5	Pass	
40	3.85	-4.034	-0.0023				-2.5 to 2.5	Pass	
50	3.85	-9.212	-0.0052				-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	-6.194	-0.0036	-2.5 to 2.5	Pass
					3.85	-5.722	-0.0033	-2.5 to 2.5	Pass
					4.43	-4.821	-0.0028	-2.5 to 2.5	Pass
				-30	3.85	-3.390	-0.0020	-2.5 to 2.5	Pass
				-20	3.85	-2.360	-0.0014	-2.5 to 2.5	Pass
				-10	3.85	-8.998	-0.0052	-2.5 to 2.5	Pass
				0	3.85	-5.565	-0.0032	-2.5 to 2.5	Pass
				10	3.85	-6.523	-0.0038	-2.5 to 2.5	Pass
				30	3.85	-9.813	-0.0057	-2.5 to 2.5	Pass
				40	3.85	-9.999	-0.0058	-2.5 to 2.5	Pass
				50	3.85	-8.755	-0.0051	-2.5 to 2.5	Pass
				1745	75	0	20	3.27	-6.208
	3.85	-5.322	-0.0030					-2.5 to 2.5	Pass
	4.43	-5.679	-0.0033					-2.5 to 2.5	Pass
	-30	3.85	-7.238				-0.0041	-2.5 to 2.5	Pass
	-20	3.85	-4.821				-0.0028	-2.5 to 2.5	Pass
	-10	3.85	-12.331				-0.0071	-2.5 to 2.5	Pass

				0	3.85	-4.778	-0.0027	-2.5 to 2.5	Pass
				10	3.85	-12.245	-0.0070	-2.5 to 2.5	Pass
				30	3.85	-4.649	-0.0027	-2.5 to 2.5	Pass
				40	3.85	-5.121	-0.0029	-2.5 to 2.5	Pass
				50	3.85	-6.552	-0.0038	-2.5 to 2.5	Pass
	1772.5	75	0	20	3.27	1.574	0.0009	-2.5 to 2.5	Pass
					3.85	-5.779	-0.0033	-2.5 to 2.5	Pass
					4.43	-1.760	-0.0010	-2.5 to 2.5	Pass
				-30	3.85	-7.567	-0.0043	-2.5 to 2.5	Pass
				-20	3.85	0.672	0.0004	-2.5 to 2.5	Pass
				-10	3.85	-2.947	-0.0017	-2.5 to 2.5	Pass
				0	3.85	-6.337	-0.0036	-2.5 to 2.5	Pass
				10	3.85	-4.435	-0.0025	-2.5 to 2.5	Pass
				30	3.85	-0.787	-0.0004	-2.5 to 2.5	Pass
				40	3.85	-6.123	-0.0035	-2.5 to 2.5	Pass
50	3.85	-5.379	-0.0030	-2.5 to 2.5	Pass				
16QAM	1717.5	75	0	20	3.27	-11.702	-0.0068	-2.5 to 2.5	Pass
					3.85	-6.180	-0.0036	-2.5 to 2.5	Pass
					4.43	-5.622	-0.0033	-2.5 to 2.5	Pass
				-30	3.85	-2.475	-0.0014	-2.5 to 2.5	Pass
				-20	3.85	-2.203	-0.0013	-2.5 to 2.5	Pass
				-10	3.85	-4.349	-0.0025	-2.5 to 2.5	Pass
				0	3.85	-0.873	-0.0005	-2.5 to 2.5	Pass
				10	3.85	-0.772	-0.0004	-2.5 to 2.5	Pass
				30	3.85	-8.497	-0.0049	-2.5 to 2.5	Pass
				40	3.85	-4.764	-0.0028	-2.5 to 2.5	Pass
	50	3.85	-4.849	-0.0028	-2.5 to 2.5	Pass			
	1745	75	0	20	3.27	-1.960	-0.0011	-2.5 to 2.5	Pass
					3.85	8.340	0.0048	-2.5 to 2.5	Pass
					4.43	-3.490	-0.0020	-2.5 to 2.5	Pass
				-30	3.85	3.934	0.0023	-2.5 to 2.5	Pass
				-20	3.85	-1.445	-0.0008	-2.5 to 2.5	Pass
				-10	3.85	3.848	0.0022	-2.5 to 2.5	Pass
				0	3.85	-4.935	-0.0028	-2.5 to 2.5	Pass
				10	3.85	-1.774	-0.0010	-2.5 to 2.5	Pass
				30	3.85	-4.206	-0.0024	-2.5 to 2.5	Pass
				40	3.85	0.257	0.0001	-2.5 to 2.5	Pass
	50	3.85	-0.472	-0.0003	-2.5 to 2.5	Pass			
	1772.5	75	0	20	3.27	-9.527	-0.0054	-2.5 to 2.5	Pass
					3.85	-2.117	-0.0012	-2.5 to 2.5	Pass
					4.43	-7.811	-0.0044	-2.5 to 2.5	Pass
-30				3.85	-5.536	-0.0031	-2.5 to 2.5	Pass	
-20				3.85	-2.346	-0.0013	-2.5 to 2.5	Pass	
-10				3.85	-9.599	-0.0054	-2.5 to 2.5	Pass	
0				3.85	-6.509	-0.0037	-2.5 to 2.5	Pass	
10				3.85	12.002	0.0068	-2.5 to 2.5	Pass	
30				3.85	-9.971	-0.0056	-2.5 to 2.5	Pass	
40				3.85	3.233	0.0018	-2.5 to 2.5	Pass	
50	3.85	0.987	0.0006	-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	-5.994	-0.0035	-2.5 to 2.5	Pass
					3.85	-5.708	-0.0033	-2.5 to 2.5	Pass
					4.43	-10.529	-0.0061	-2.5 to 2.5	Pass
				-30	3.85	-1.531	-0.0009	-2.5 to 2.5	Pass
				-20	3.85	-3.905	-0.0023	-2.5 to 2.5	Pass
				-10	3.85	-7.224	-0.0042	-2.5 to 2.5	Pass
				0	3.85	-5.307	-0.0031	-2.5 to 2.5	Pass
				10	3.85	-1.731	-0.0010	-2.5 to 2.5	Pass
				30	3.85	-5.550	-0.0032	-2.5 to 2.5	Pass
	40	3.85	-7.238	-0.0042	-2.5 to 2.5	Pass			
	50	3.85	-5.765	-0.0034	-2.5 to 2.5	Pass			
	1745	100	0	20	3.27	-4.063	-0.0023	-2.5 to 2.5	Pass
					3.85	-4.163	-0.0024	-2.5 to 2.5	Pass
					4.43	-10.085	-0.0058	-2.5 to 2.5	Pass
				-30	3.85	-4.363	-0.0025	-2.5 to 2.5	Pass
				-20	3.85	-12.088	-0.0069	-2.5 to 2.5	Pass
				-10	3.85	-6.909	-0.0040	-2.5 to 2.5	Pass
				0	3.85	-11.129	-0.0064	-2.5 to 2.5	Pass
				10	3.85	-5.808	-0.0033	-2.5 to 2.5	Pass
				30	3.85	-7.639	-0.0044	-2.5 to 2.5	Pass
	40	3.85	-20.957	-0.0120	-2.5 to 2.5	Pass			
	50	3.85	-3.319	-0.0019	-2.5 to 2.5	Pass			
	1770	100	0	20	3.27	-12.875	-0.0073	-2.5 to 2.5	Pass
					3.85	-2.990	-0.0017	-2.5 to 2.5	Pass
					4.43	-5.350	-0.0030	-2.5 to 2.5	Pass
				-30	3.85	-10.085	-0.0057	-2.5 to 2.5	Pass
				-20	3.85	-10.600	-0.0060	-2.5 to 2.5	Pass
-10				3.85	-1.287	-0.0007	-2.5 to 2.5	Pass	
0				3.85	-4.721	-0.0027	-2.5 to 2.5	Pass	
10				3.85	-2.675	-0.0015	-2.5 to 2.5	Pass	
30				3.85	-13.561	-0.0077	-2.5 to 2.5	Pass	
40	3.85	-4.692	-0.0027	-2.5 to 2.5	Pass				
50	3.85	-4.849	-0.0027	-2.5 to 2.5	Pass				
16QAM	1720	100	0	20	3.27	-3.934	-0.0023	-2.5 to 2.5	Pass
					3.85	-3.948	-0.0023	-2.5 to 2.5	Pass
					4.43	-4.492	-0.0026	-2.5 to 2.5	Pass
				-30	3.85	-7.310	-0.0042	-2.5 to 2.5	Pass
				-20	3.85	-4.506	-0.0026	-2.5 to 2.5	Pass
				-10	3.85	-7.496	-0.0044	-2.5 to 2.5	Pass
				0	3.85	-9.656	-0.0056	-2.5 to 2.5	Pass
				10	3.85	-8.497	-0.0049	-2.5 to 2.5	Pass
				30	3.85	-7.124	-0.0041	-2.5 to 2.5	Pass
	40	3.85	-10.185	-0.0059	-2.5 to 2.5	Pass			
	50	3.85	-2.546	-0.0015	-2.5 to 2.5	Pass			
	1745	100	0	20	3.27	-9.012	-0.0052	-2.5 to 2.5	Pass
					3.85	2.761	0.0016	-2.5 to 2.5	Pass
					4.43	-7.095	-0.0041	-2.5 to 2.5	Pass
				-30	3.85	-0.858	-0.0005	-2.5 to 2.5	Pass
				-20	3.85	4.578	0.0026	-2.5 to 2.5	Pass
				-10	3.85	-4.592	-0.0026	-2.5 to 2.5	Pass
				0	3.85	-5.708	-0.0033	-2.5 to 2.5	Pass
10				3.85	-5.994	-0.0034	-2.5 to 2.5	Pass	
30				3.85	-2.017	-0.0012	-2.5 to 2.5	Pass	

	1770	100	0	40	3.85	-0.687	-0.0004	-2.5 to 2.5	Pass
				50	3.85	6.924	0.0040	-2.5 to 2.5	Pass
				20	3.27	-3.018	-0.0017	-2.5 to 2.5	Pass
					3.85	-5.522	-0.0031	-2.5 to 2.5	Pass
					4.43	-3.819	-0.0022	-2.5 to 2.5	Pass
				-30	3.85	-5.393	-0.0030	-2.5 to 2.5	Pass
				-20	3.85	0.200	0.0001	-2.5 to 2.5	Pass
				-10	3.85	-6.738	-0.0038	-2.5 to 2.5	Pass
				0	3.85	6.795	0.0038	-2.5 to 2.5	Pass
				10	3.85	-3.319	-0.0019	-2.5 to 2.5	Pass
				30	3.85	-7.668	-0.0043	-2.5 to 2.5	Pass
				40	3.85	-0.215	-0.0001	-2.5 to 2.5	Pass
				50	3.85	-1.688	-0.0010	-2.5 to 2.5	Pass

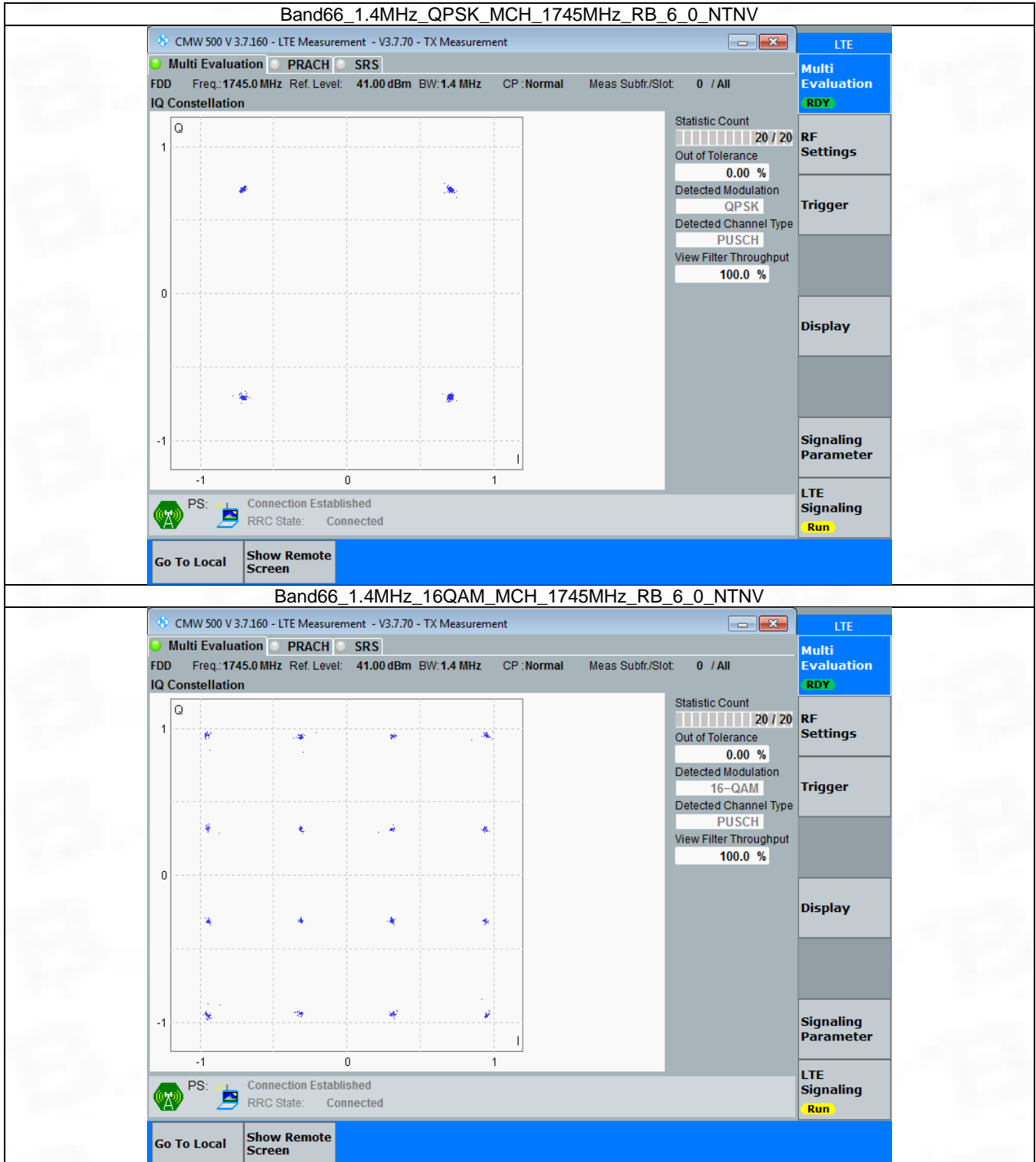
3. Modulation Characteristics

3.1 B66_1.4MHz

3.1.1 Test Result

Band: 66 / Bandwidth: 1.4MHz / NTN						
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



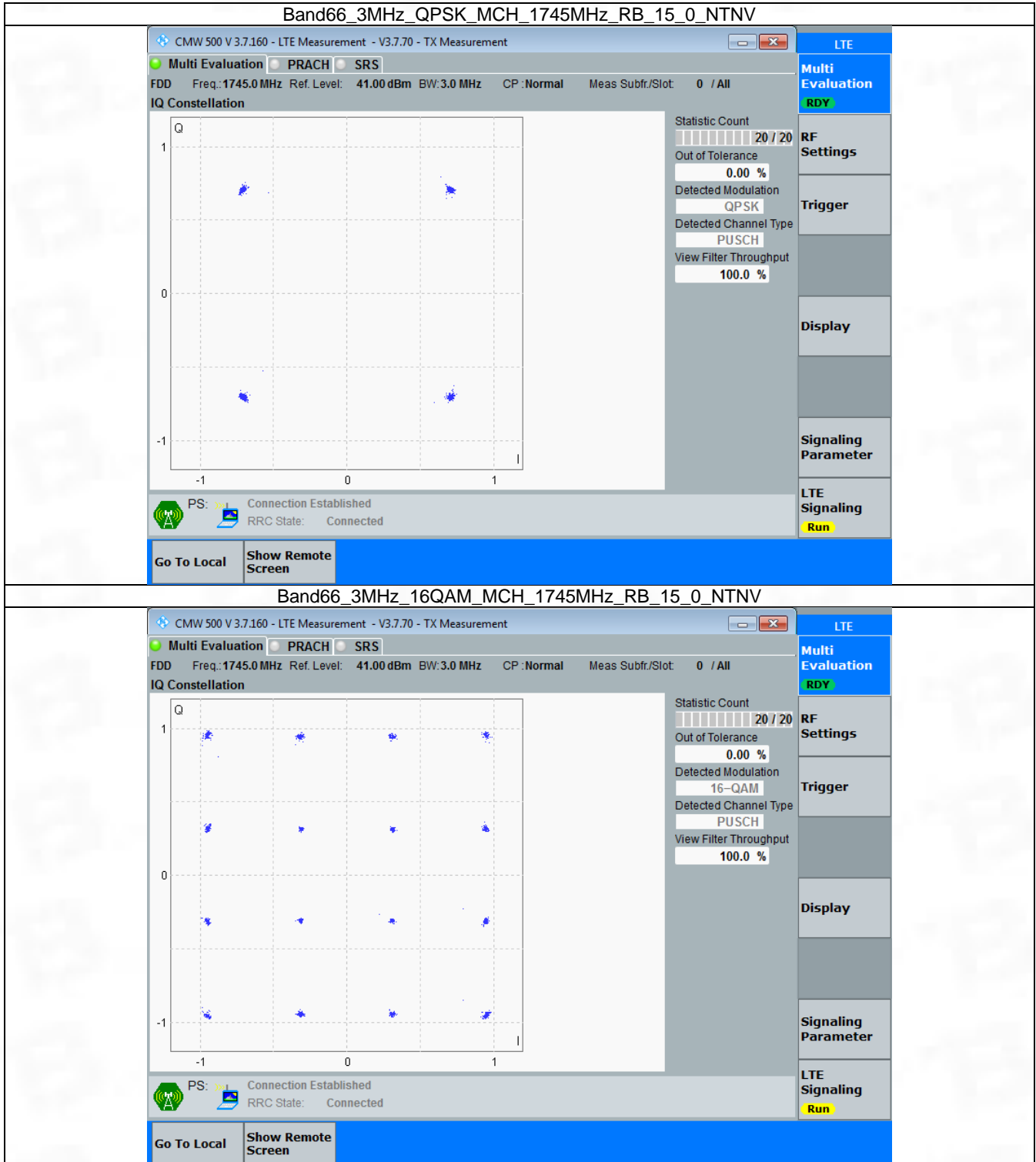


3.2 B66_3MHz

3.2.1 Test Result

Band: 66 / Bandwidth: 3MHz / NTV						
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

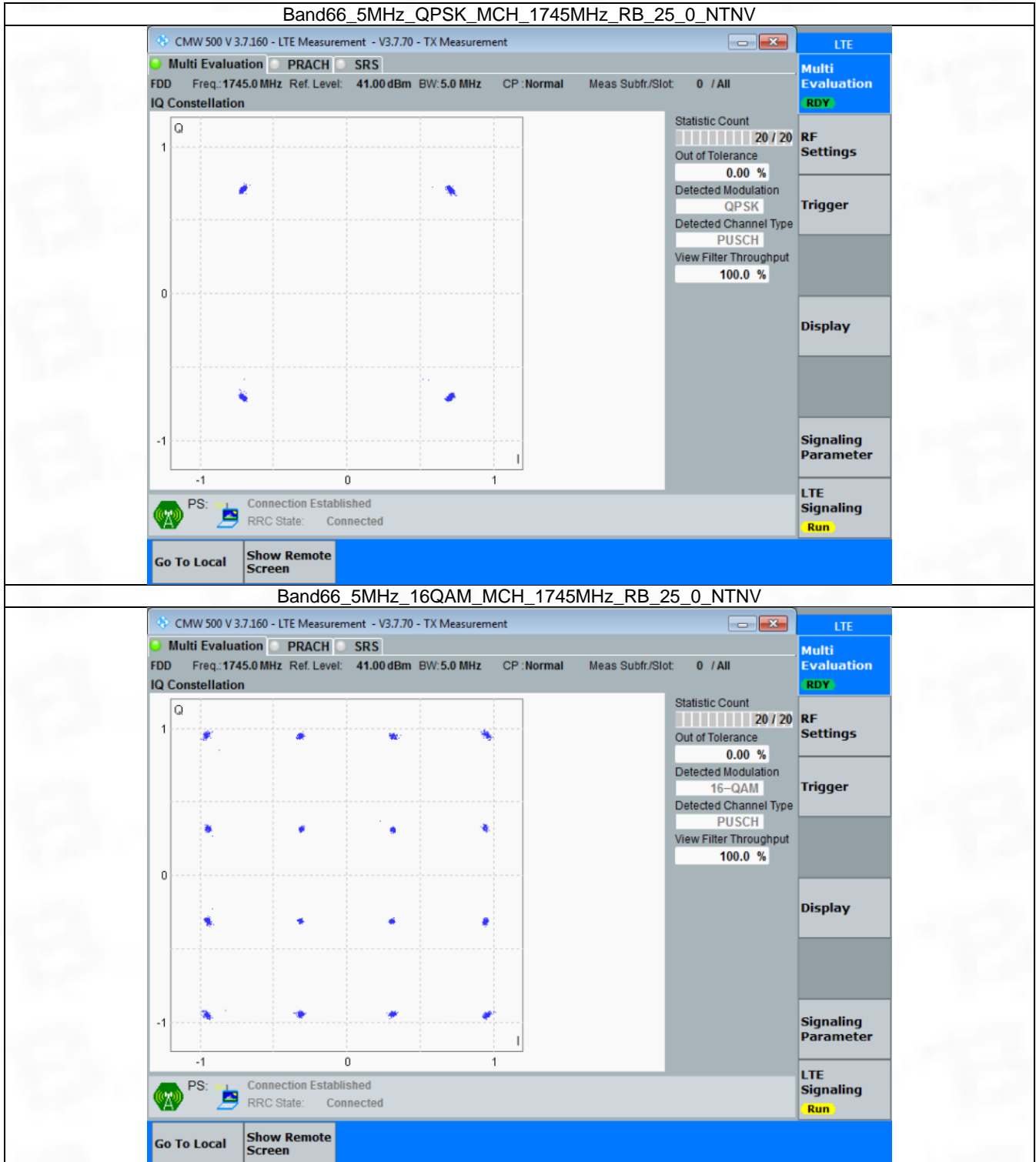


3.3 B66_5MHz

3.3.1 Test Result

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

3.3.2 Test Graph



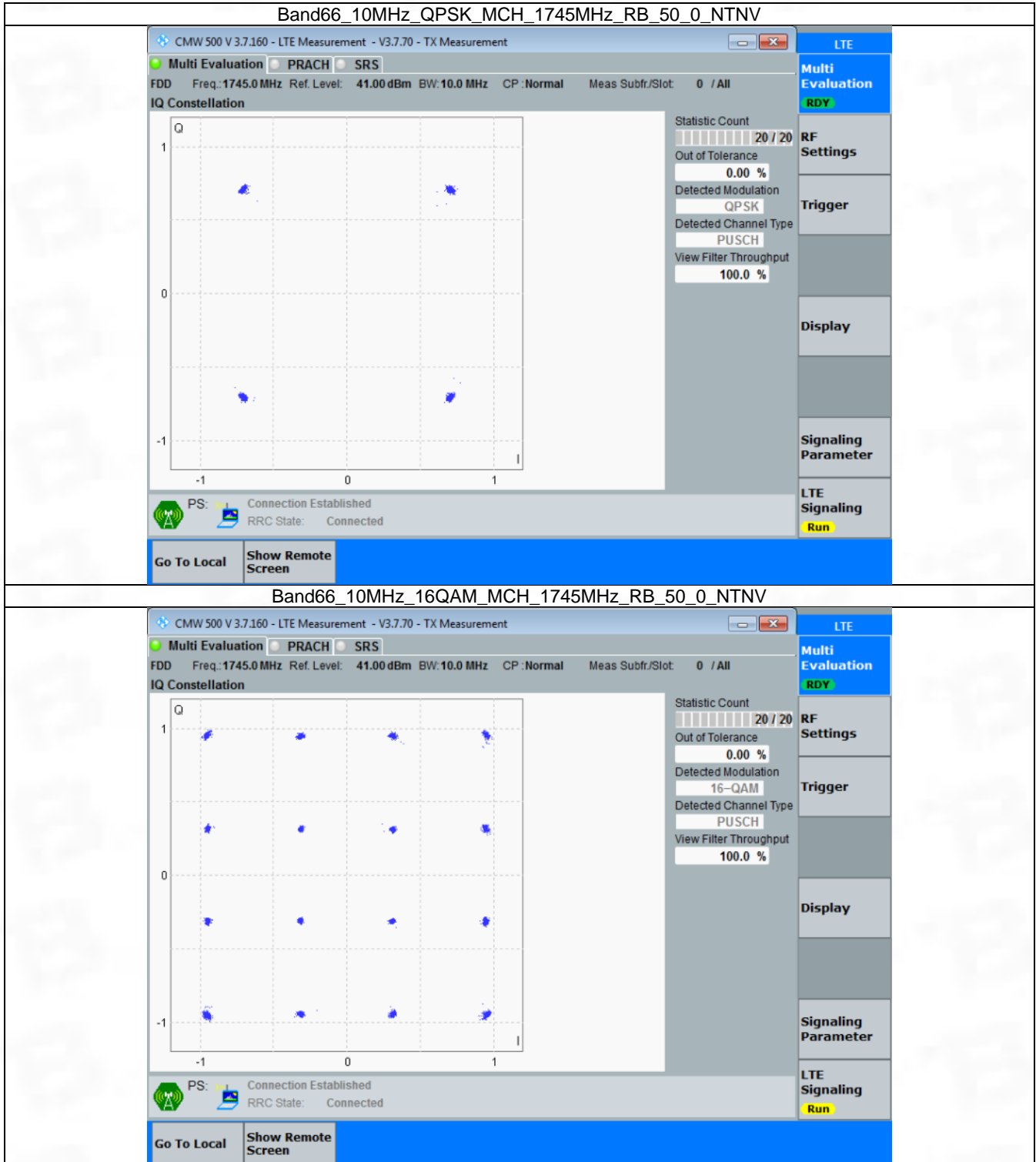


3.4 B66_10MHz

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

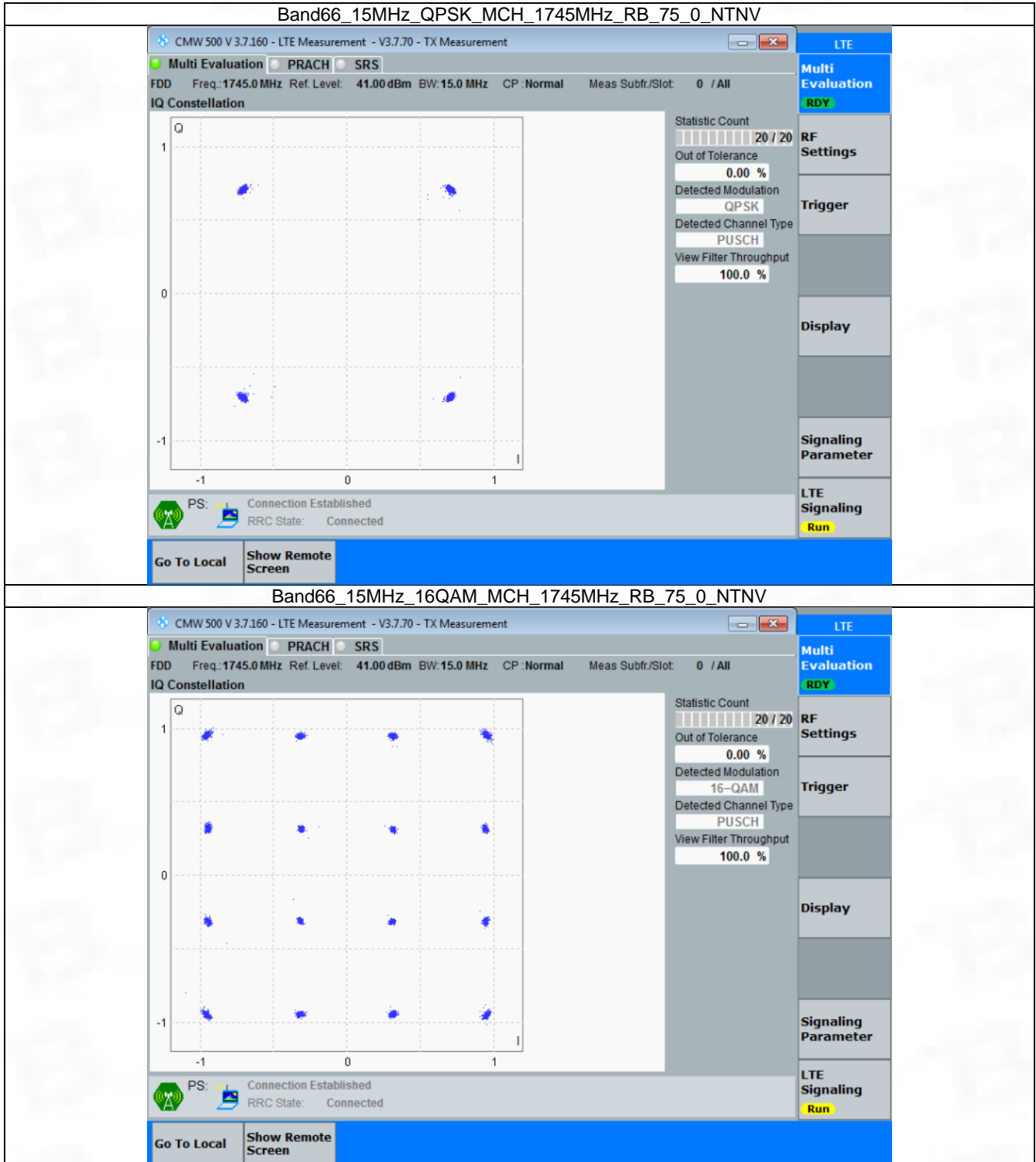


3.5 B66_15MHz

3.5.1 Test Result

Band: 66 / Bandwidth: 15MHz / NTN						
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

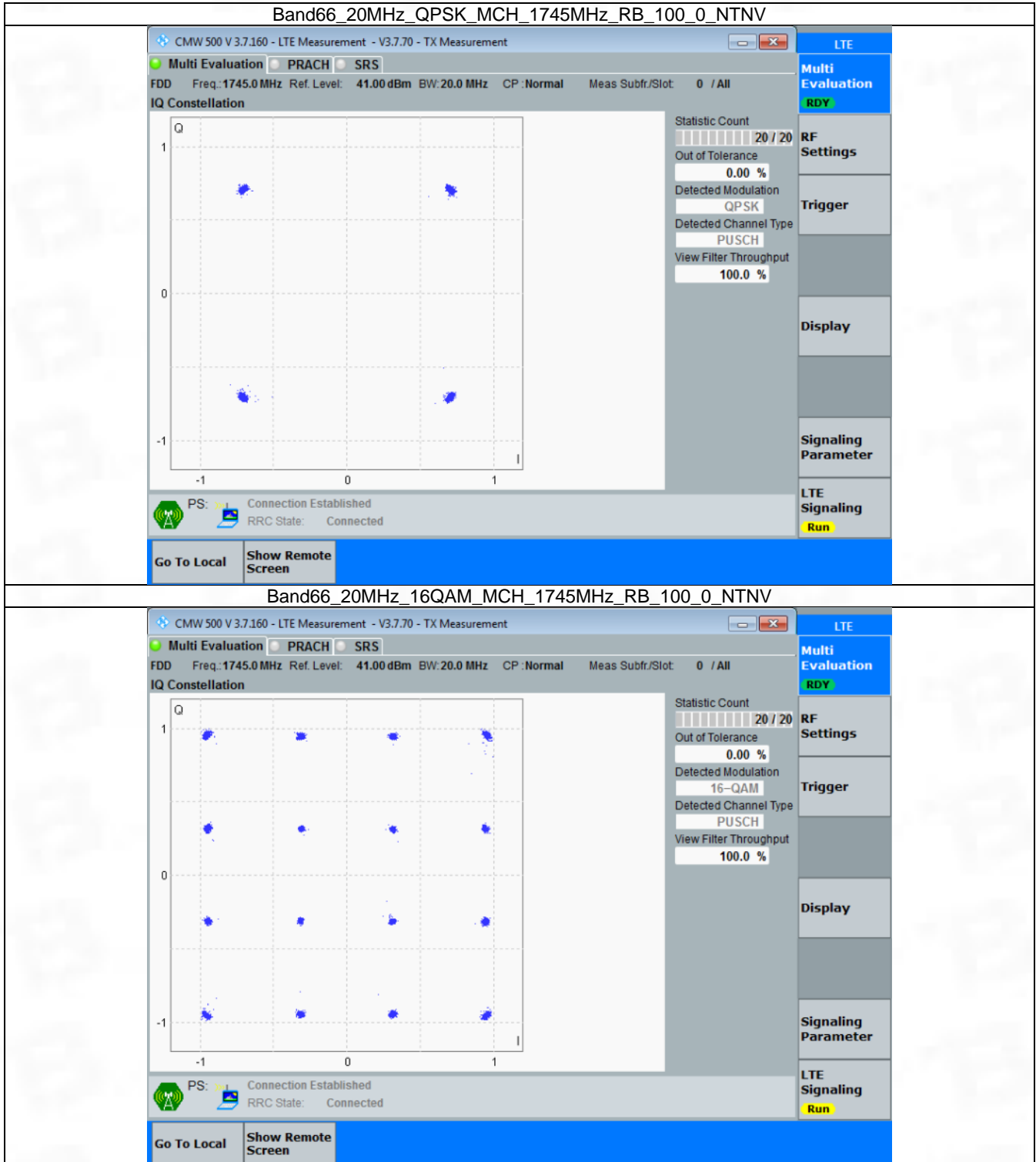


3.6 B66_20MHz

3.6.1 Test Result

Band: 66 / Bandwidth: 20MHz / NTN						
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



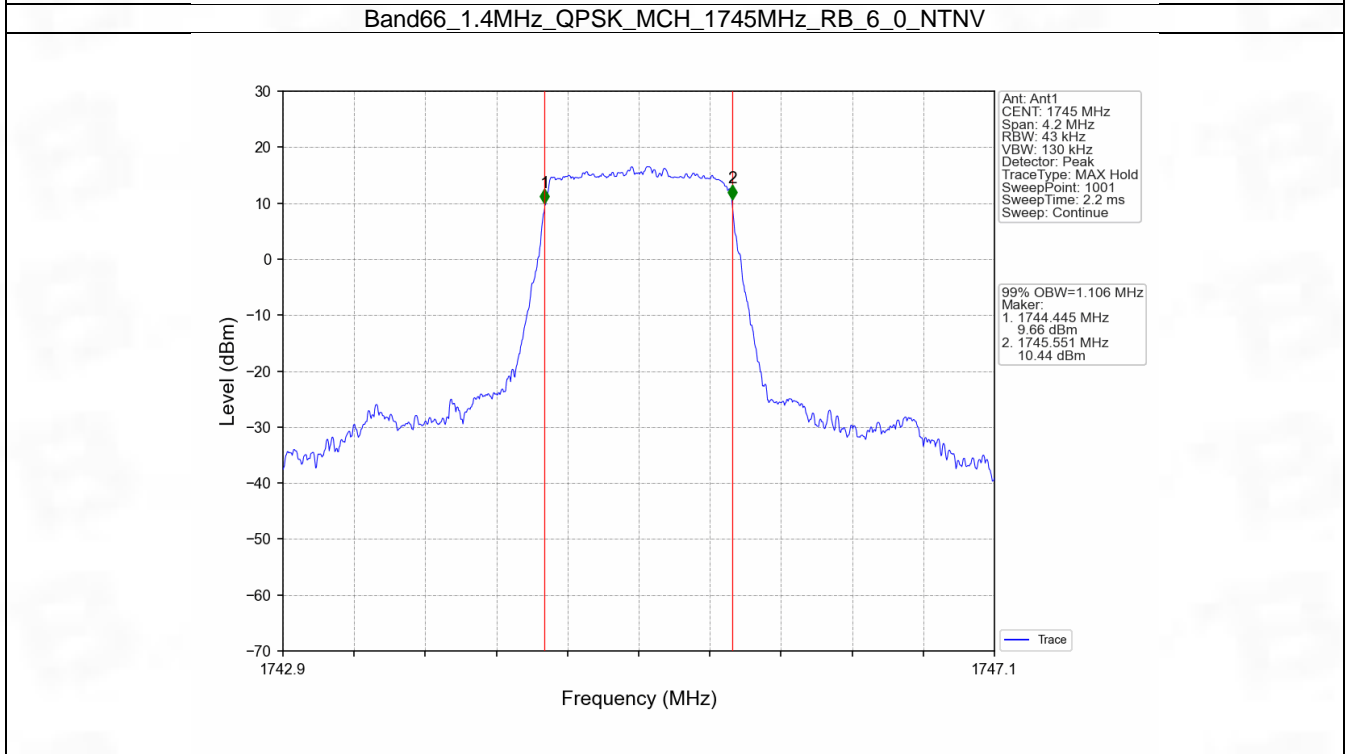
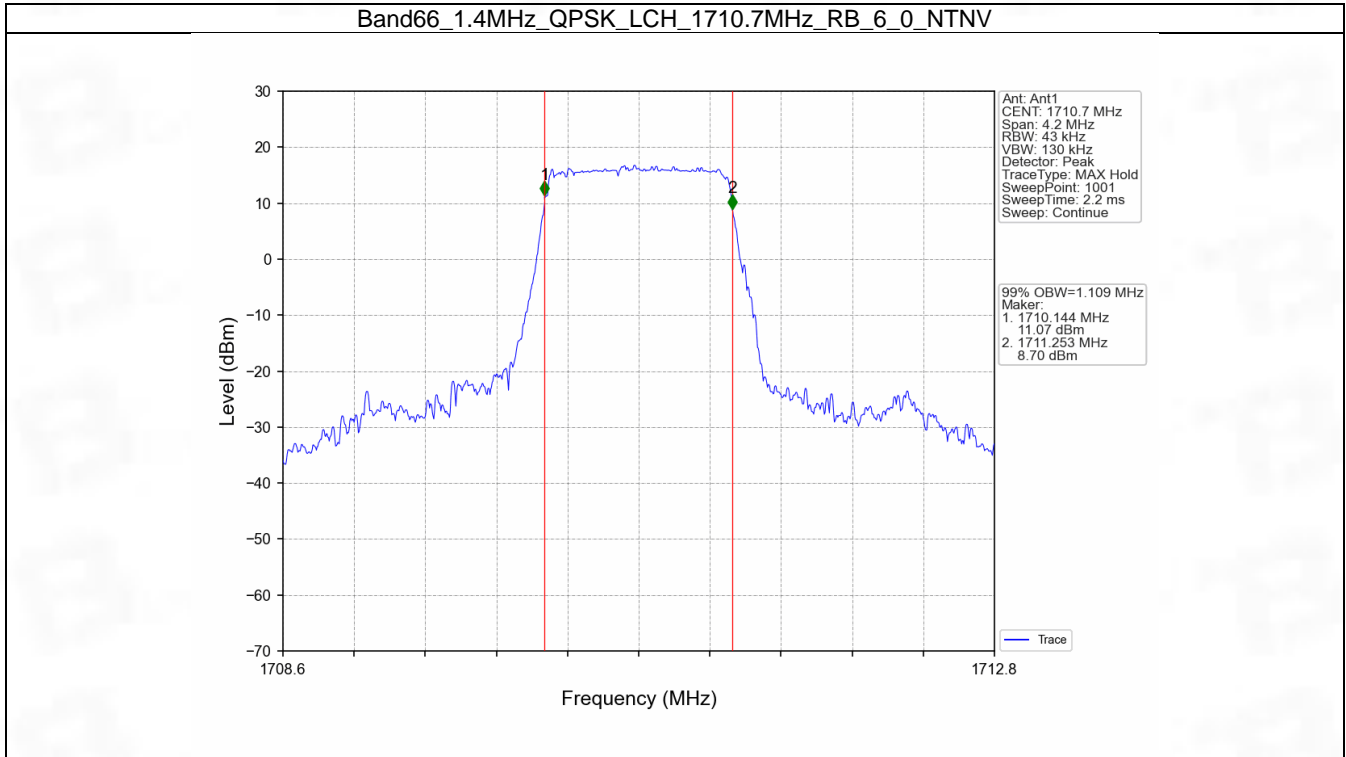
4. 99% & 26dB Bandwidth

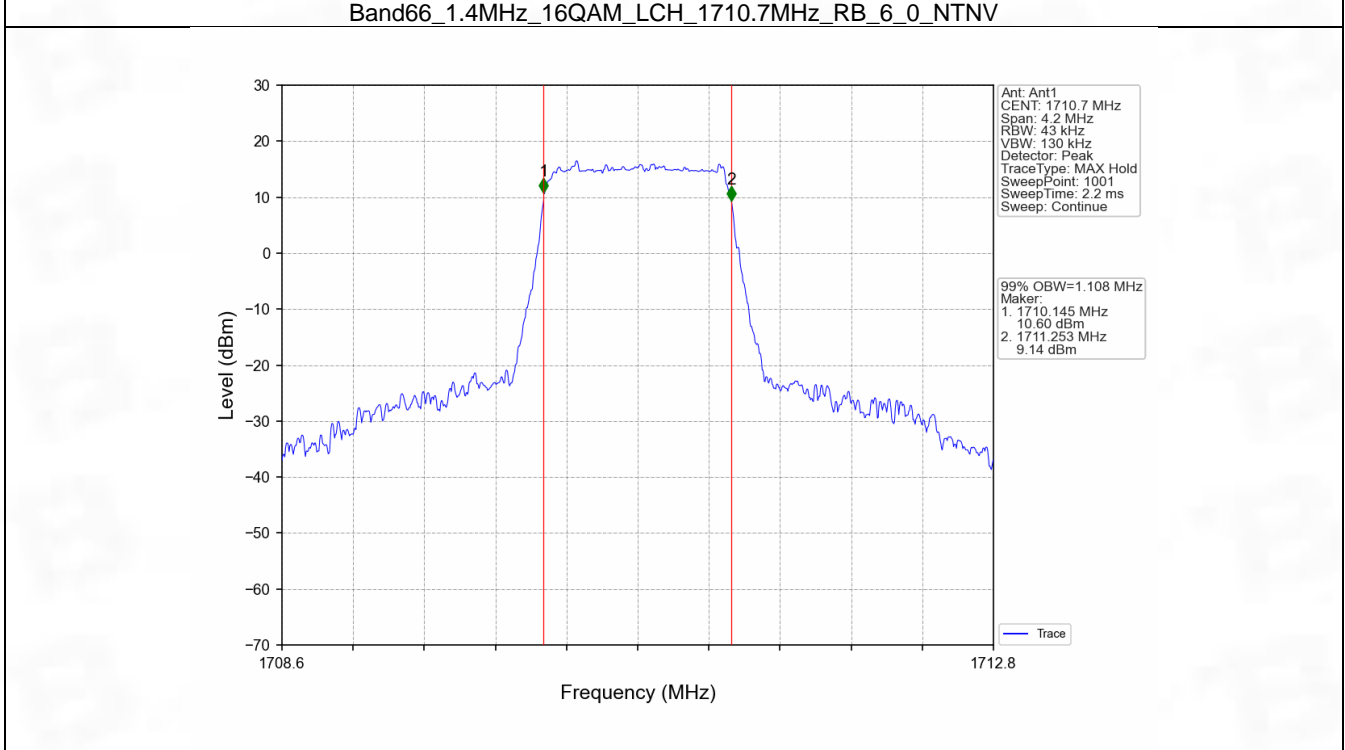
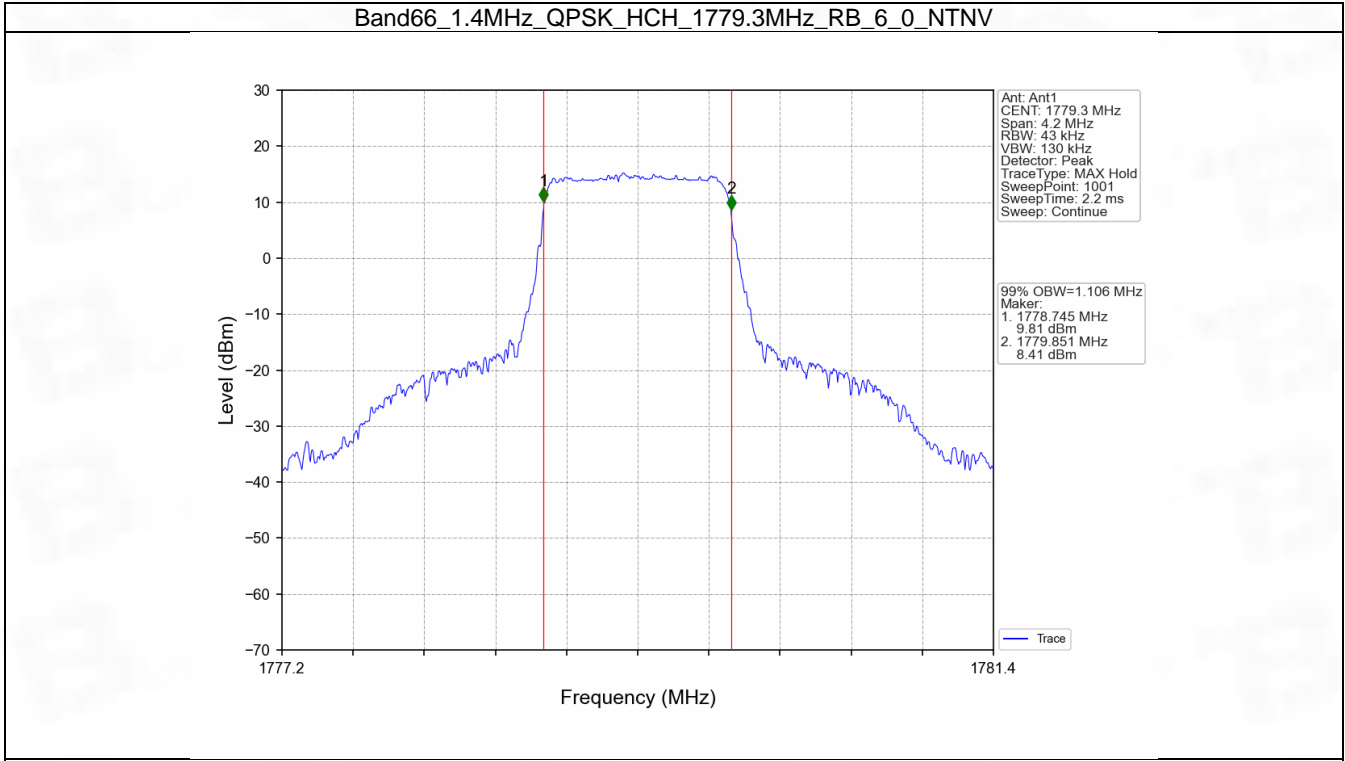
4.1 Band66_OBW

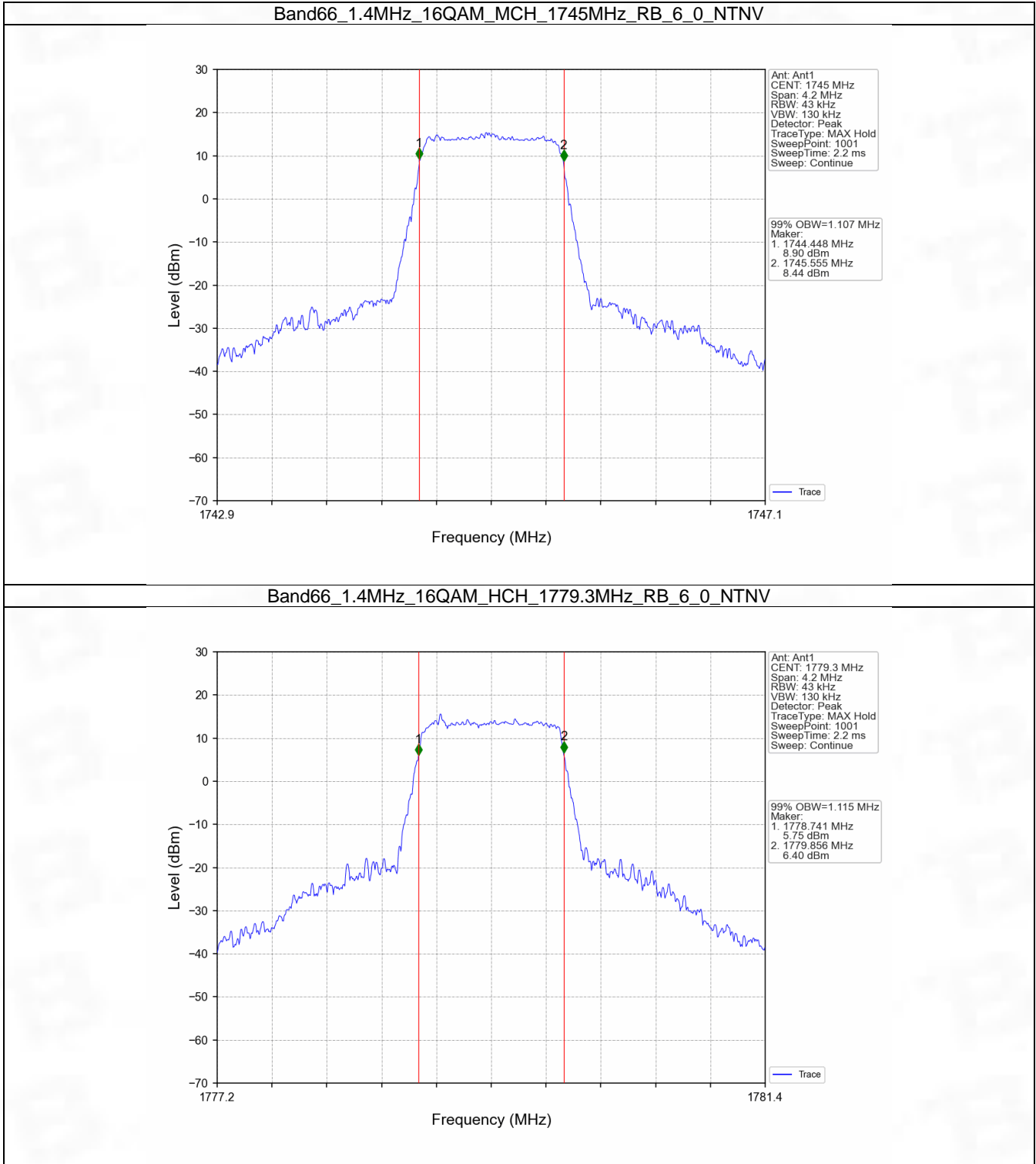
4.1.1 Test Result

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	1.109	Pass
		1745	6	0	1.106	Pass
		1779.3	6	0	1.106	Pass
	16QAM	1710.7	6	0	1.108	Pass
		1745	6	0	1.107	Pass
		1779.3	6	0	1.115	Pass
3	QPSK	1711.5	15	0	2.725	Pass
		1745	15	0	2.724	Pass
		1778.5	15	0	2.726	Pass
	16QAM	1711.5	15	0	2.721	Pass
		1745	15	0	2.728	Pass
		1778.5	15	0	2.714	Pass
5	QPSK	1712.5	25	0	4.573	Pass
		1745	25	0	4.556	Pass
		1777.5	25	0	4.557	Pass
	16QAM	1712.5	25	0	4.581	Pass
		1745	25	0	4.590	Pass
		1777.5	25	0	4.600	Pass
10	QPSK	1715	50	0	9.093	Pass
		1745	50	0	9.048	Pass
		1775	50	0	9.116	Pass
	16QAM	1715	50	0	9.071	Pass
		1745	50	0	9.068	Pass
		1775	50	0	9.096	Pass
15	QPSK	1717.5	75	0	13.658	Pass
		1745	75	0	13.601	Pass
		1772.5	75	0	13.613	Pass
	16QAM	1717.5	75	0	13.611	Pass
		1745	75	0	13.577	Pass
		1772.5	75	0	13.628	Pass
20	QPSK	1720	100	0	18.099	Pass
		1745	100	0	18.123	Pass
		1770	100	0	18.180	Pass
	16QAM	1720	100	0	18.145	Pass
		1745	100	0	18.114	Pass
		1770	100	0	18.199	Pass

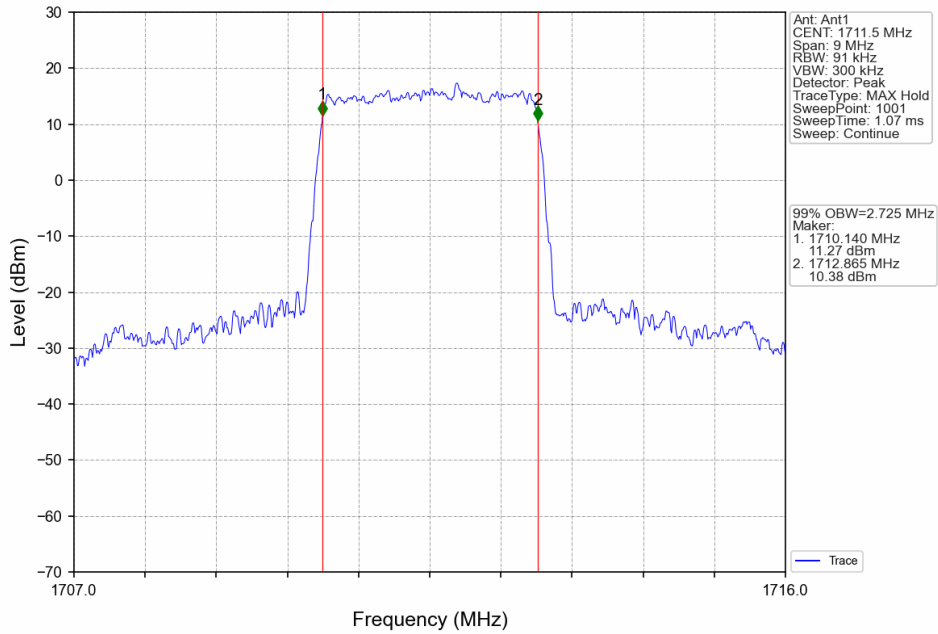
4.1.2 Test Graph



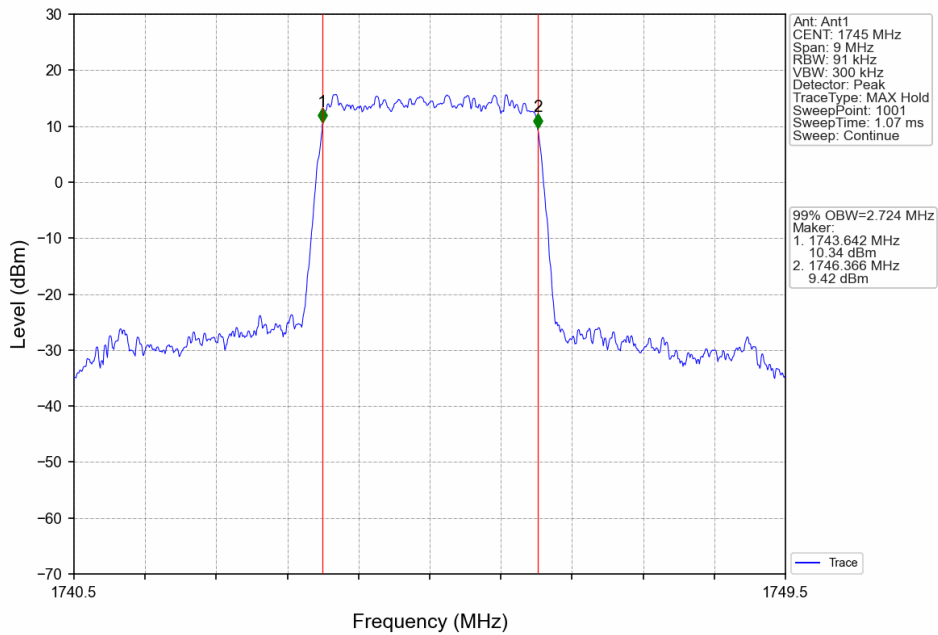




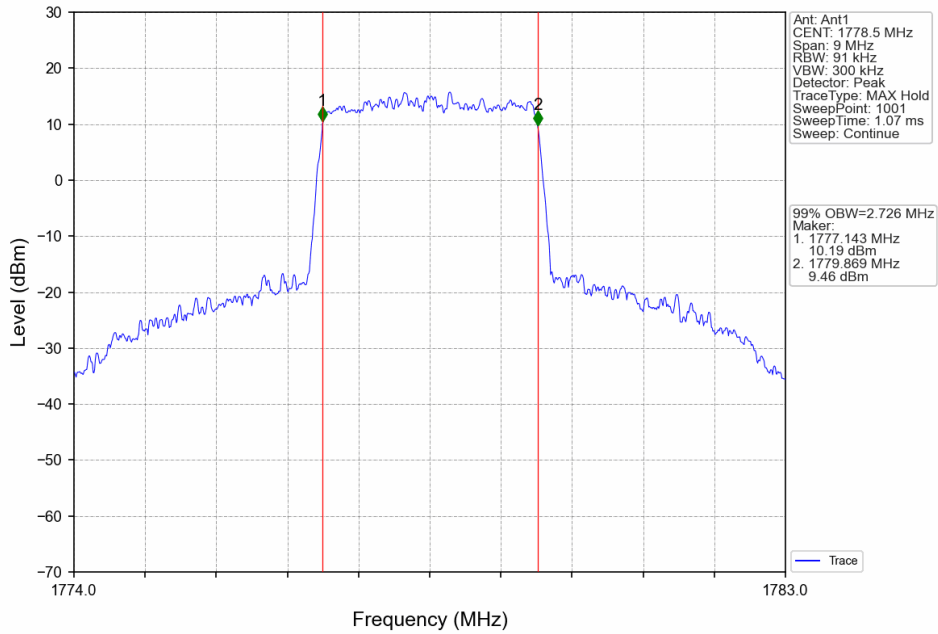
Band66_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV



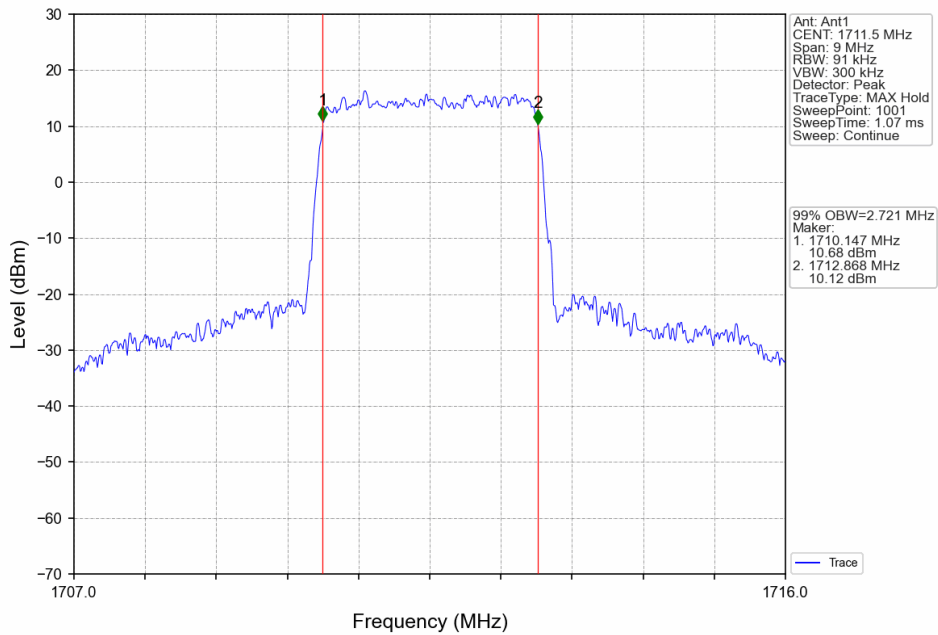
Band66_3MHz_QPSK_MCH_1745MHz_RB_15_0_NTNV



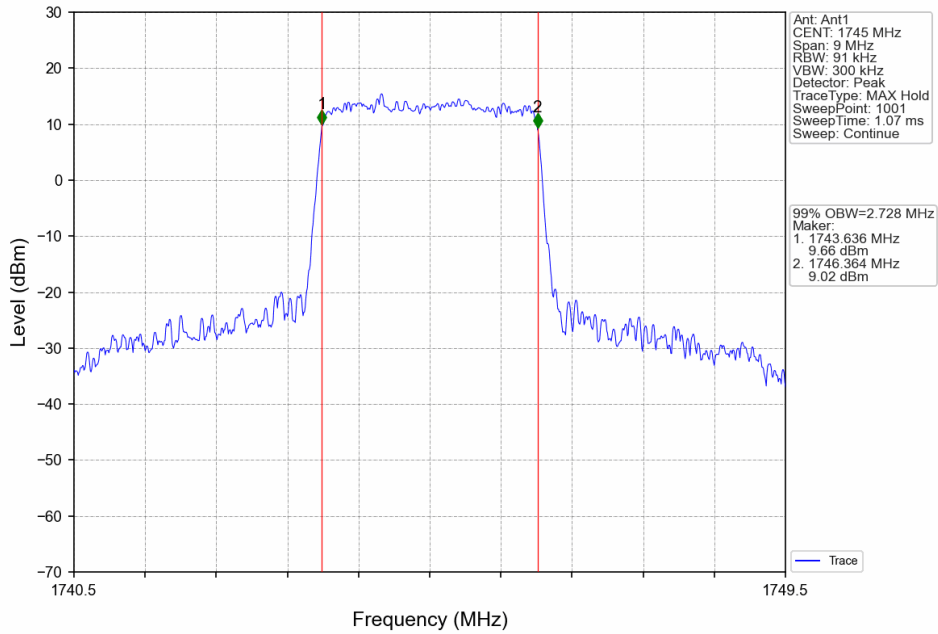
Band66_3MHz_QPSK_HCH_1778.5MHz_RB_15_0_NTNV



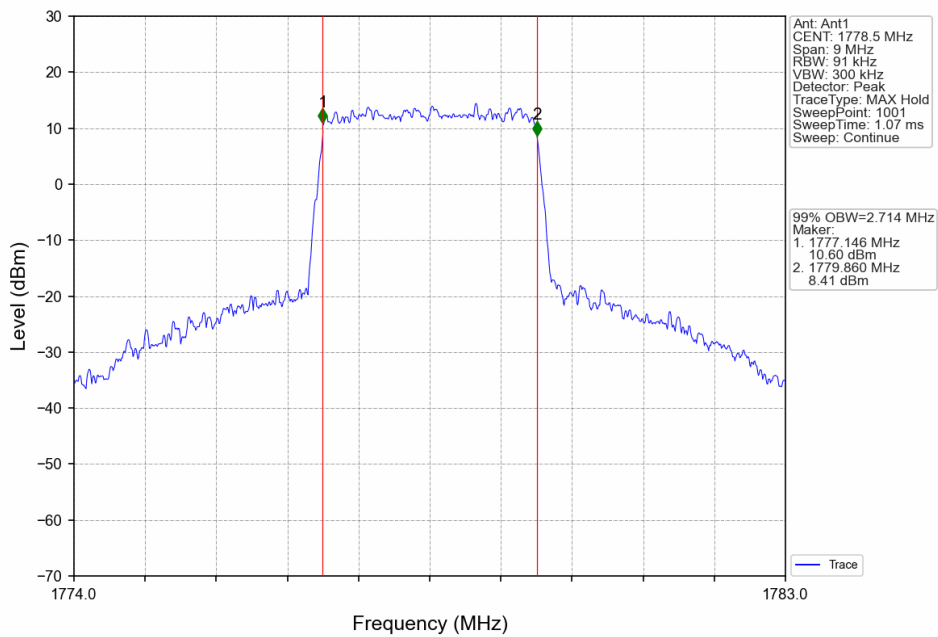
Band66_3MHz_16QAM_LCH_1711.5MHz_RB_15_0_NTNV



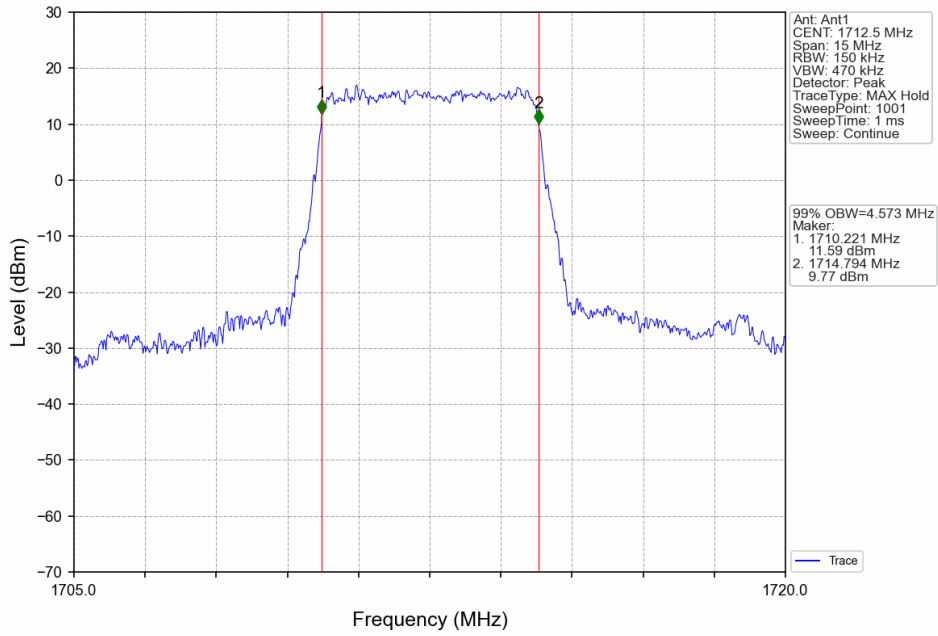
Band66_3MHz_16QAM_MCH_1745MHz_RB_15_0_NTNV



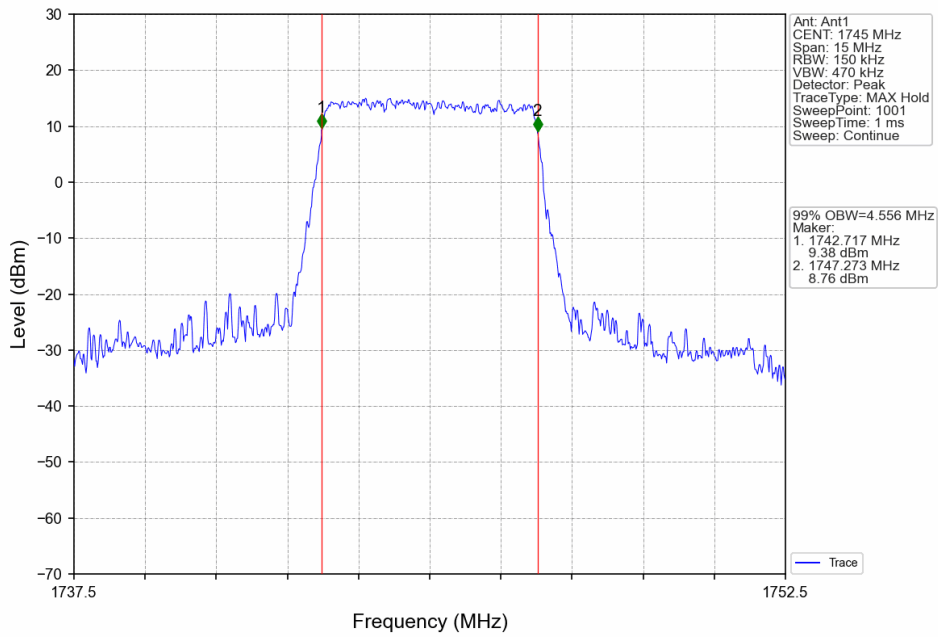
Band66_3MHz_16QAM_HCH_1778.5MHz_RB_15_0_NTNV



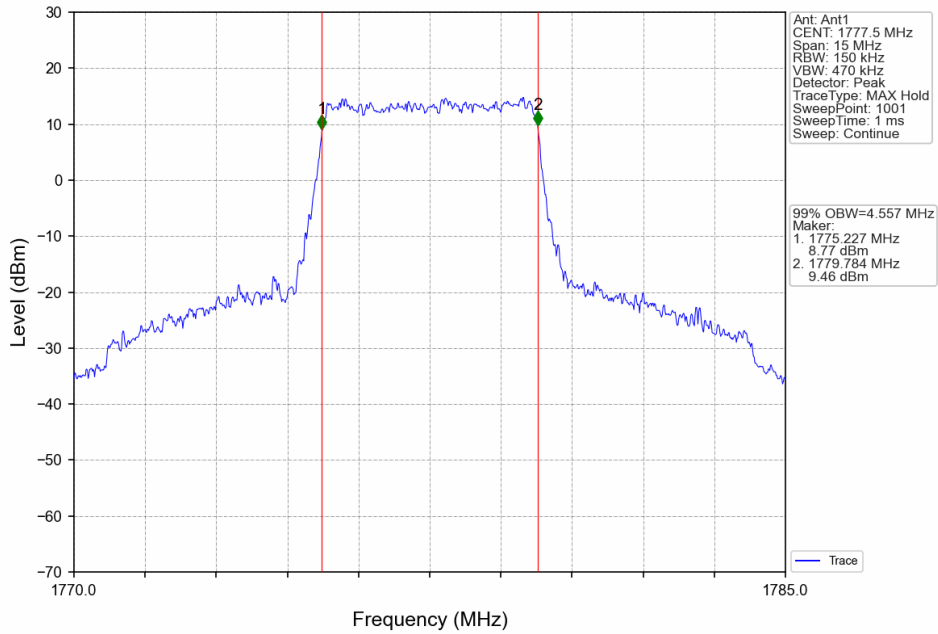
Band66_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV



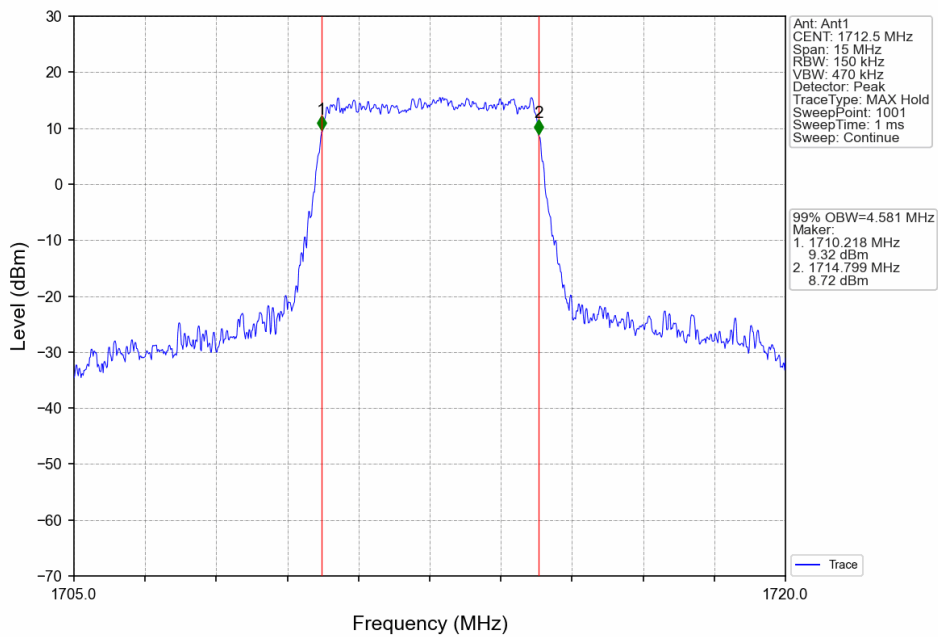
Band66_5MHz_QPSK_MCH_1745MHz_RB_25_0_NTNV



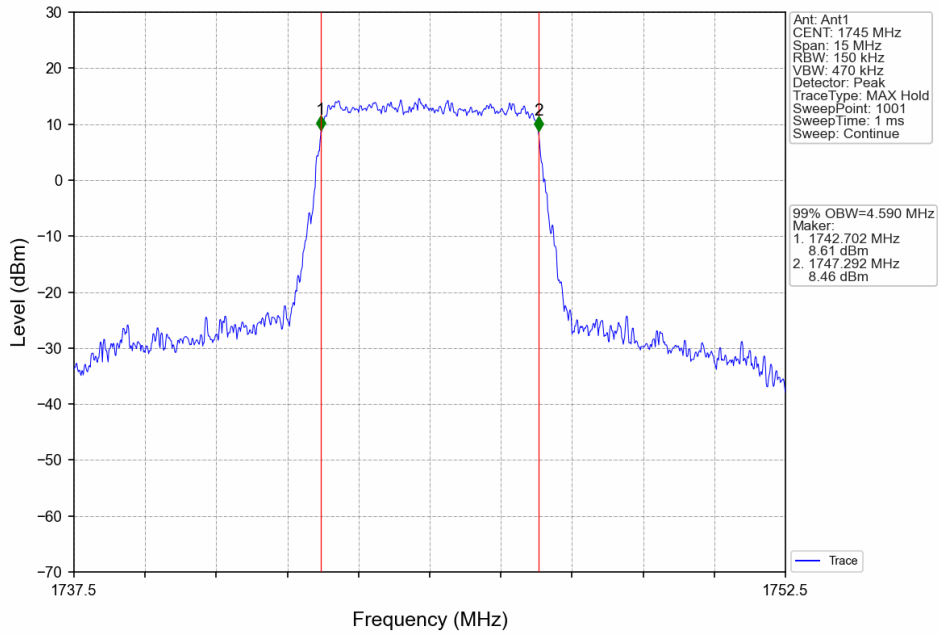
Band66_5MHz_QPSK_HCH_1777.5MHz_RB_25_0_NTNV



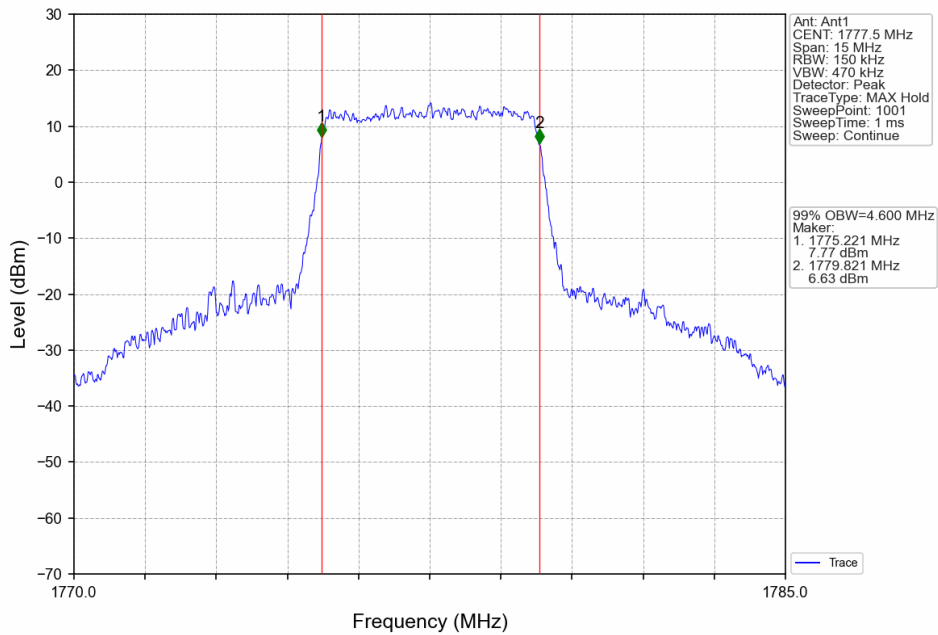
Band66_5MHz_16QAM_LCH_1712.5MHz_RB_25_0_NTNV



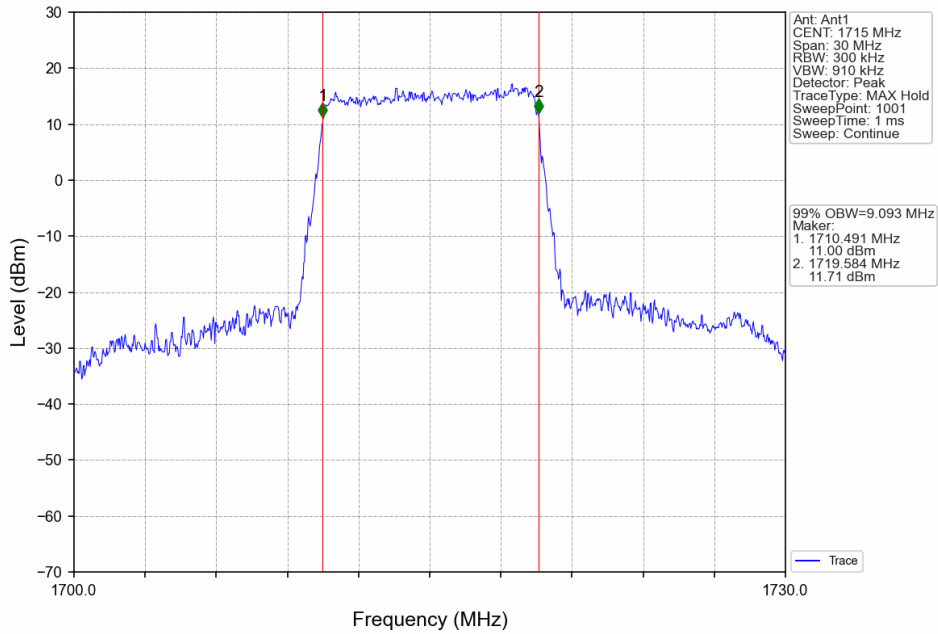
Band66_5MHz_16QAM_MCH_1745MHz_RB_25_0_NTNV



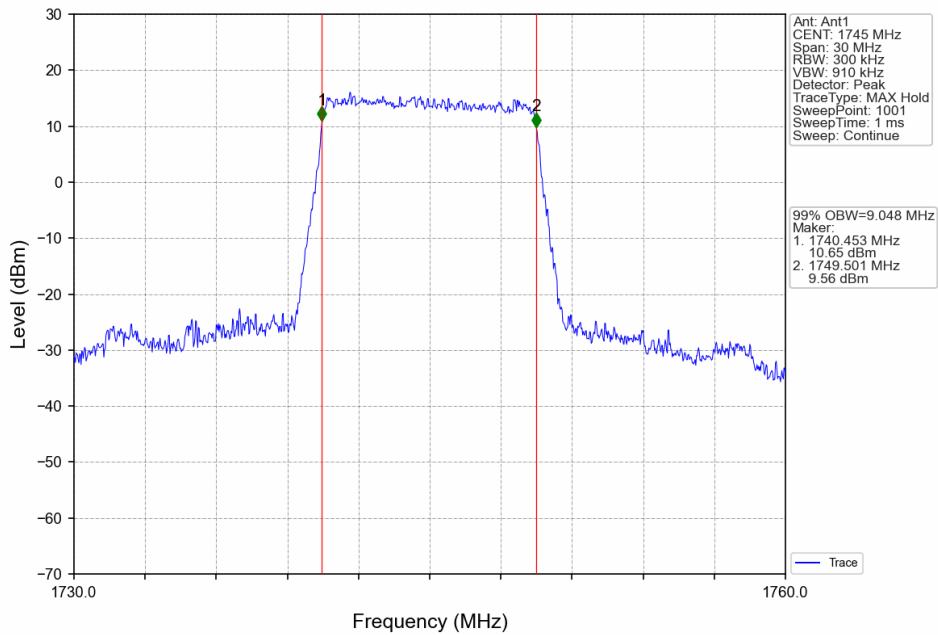
Band66_5MHz_16QAM_HCH_1777.5MHz_RB_25_0_NTNV



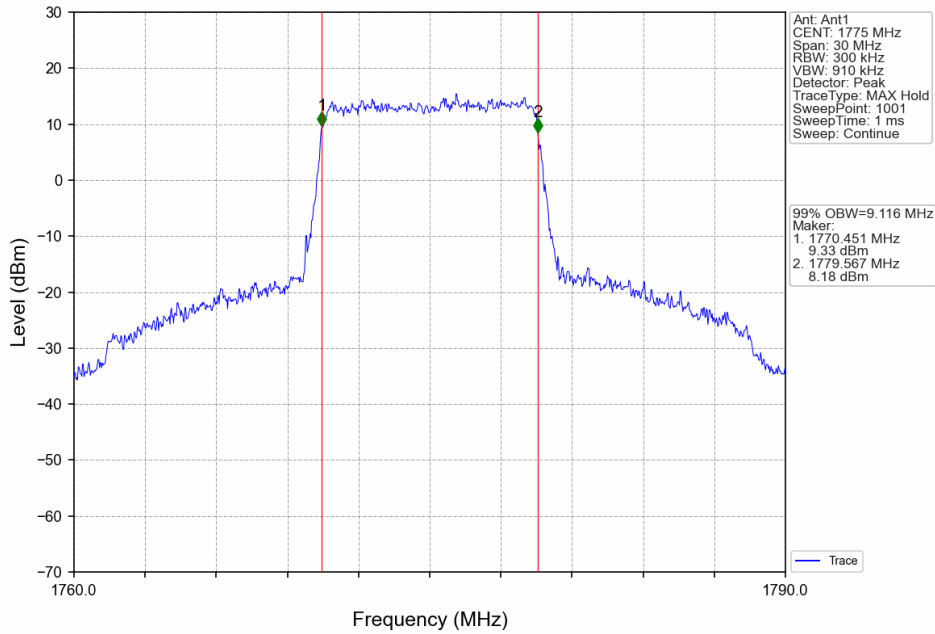
Band66_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV



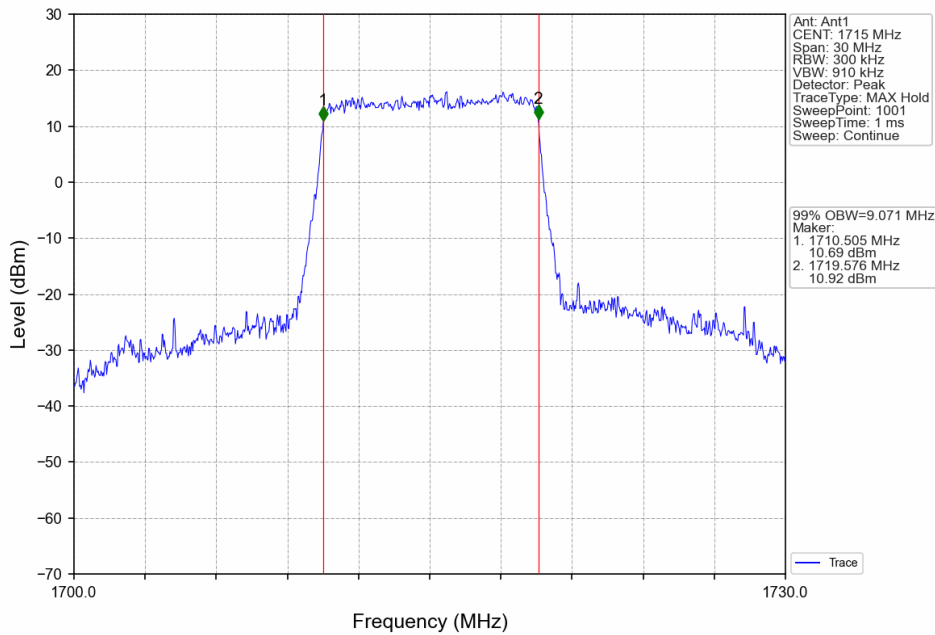
Band66_10MHz_QPSK_MCH_1745MHz_RB_50_0_NTNV



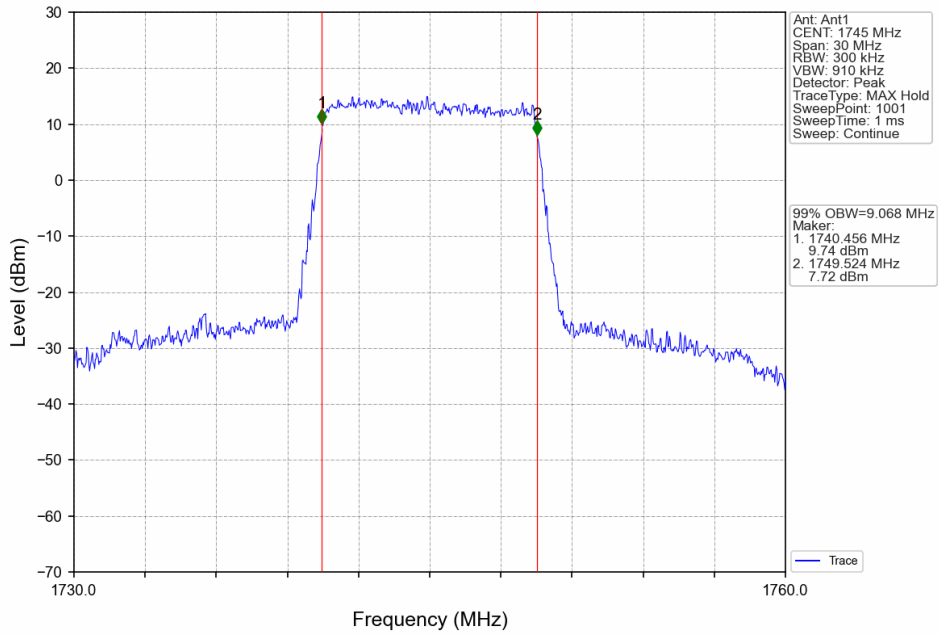
Band66_10MHz_QPSK_HCH_1775MHz_RB_50_0_NTNV



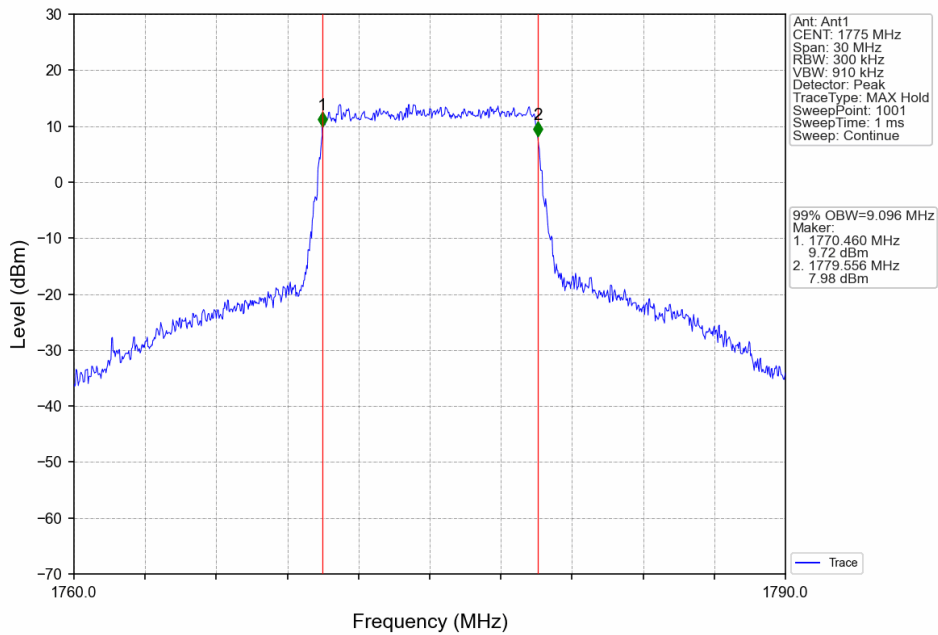
Band66_10MHz_16QAM_LCH_1715MHz_RB_50_0_NTNV



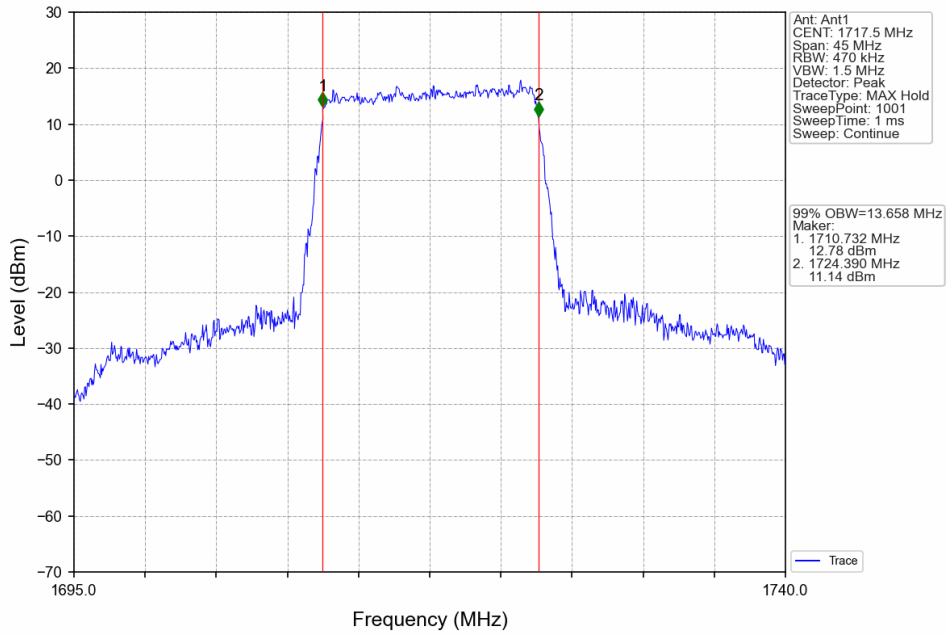
Band66_10MHz_16QAM_MCH_1745MHz_RB_50_0_NTNV



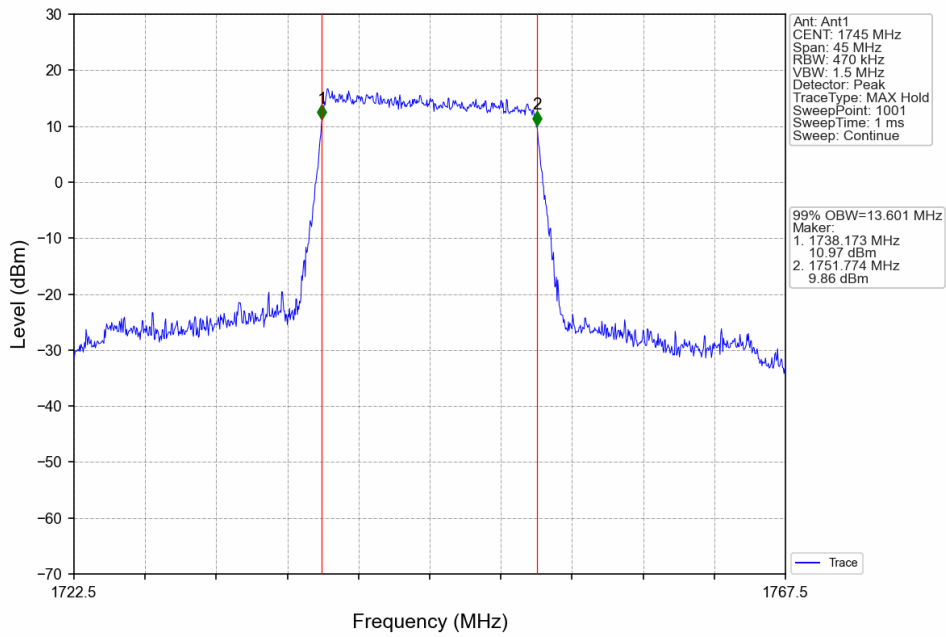
Band66_10MHz_16QAM_HCH_1775MHz_RB_50_0_NTNV



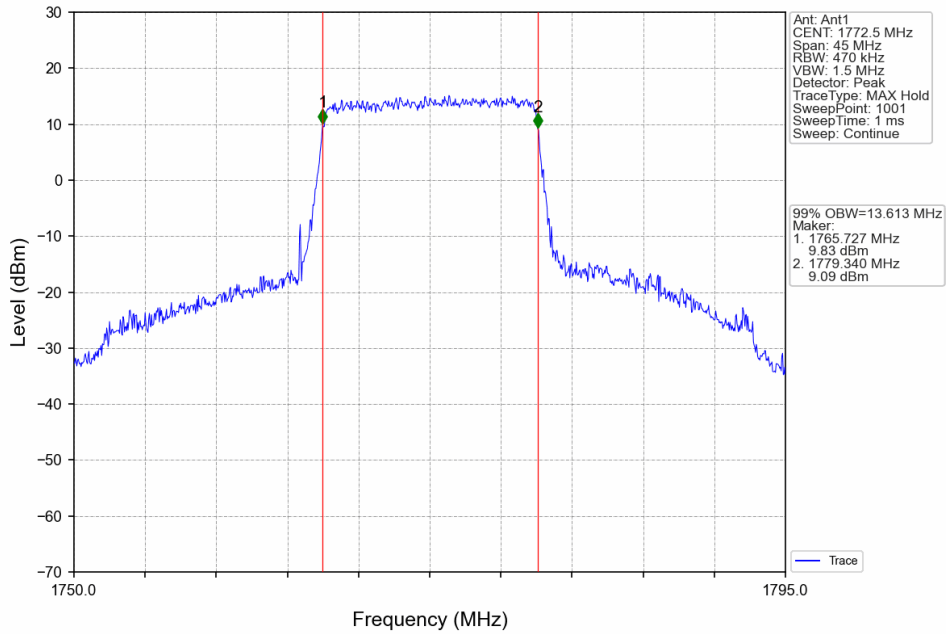
Band66_15MHz_QPSK_LCH_1717.5MHz_RB_75_0_NTNV



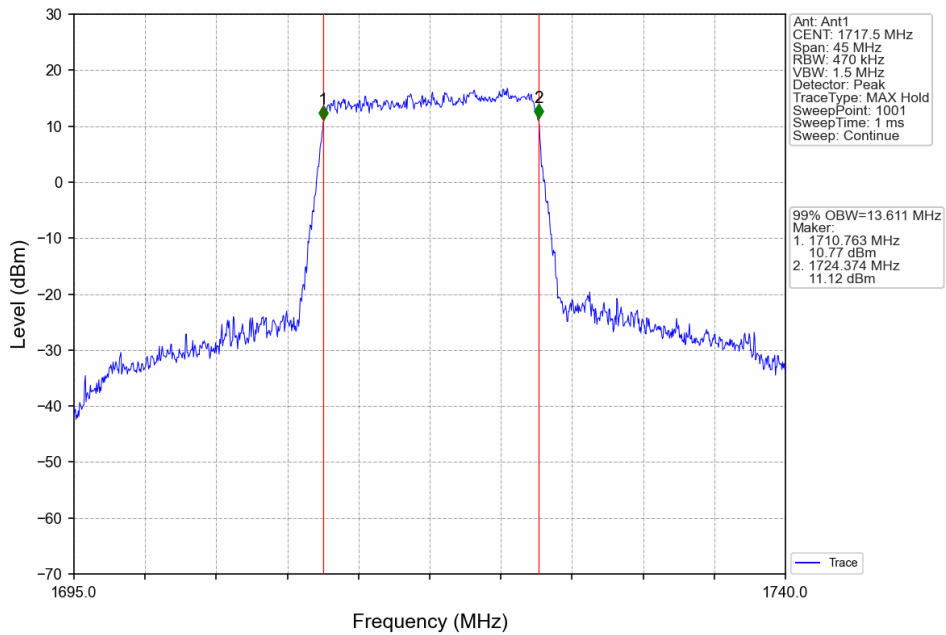
Band66_15MHz_QPSK_MCH_1745MHz_RB_75_0_NTNV



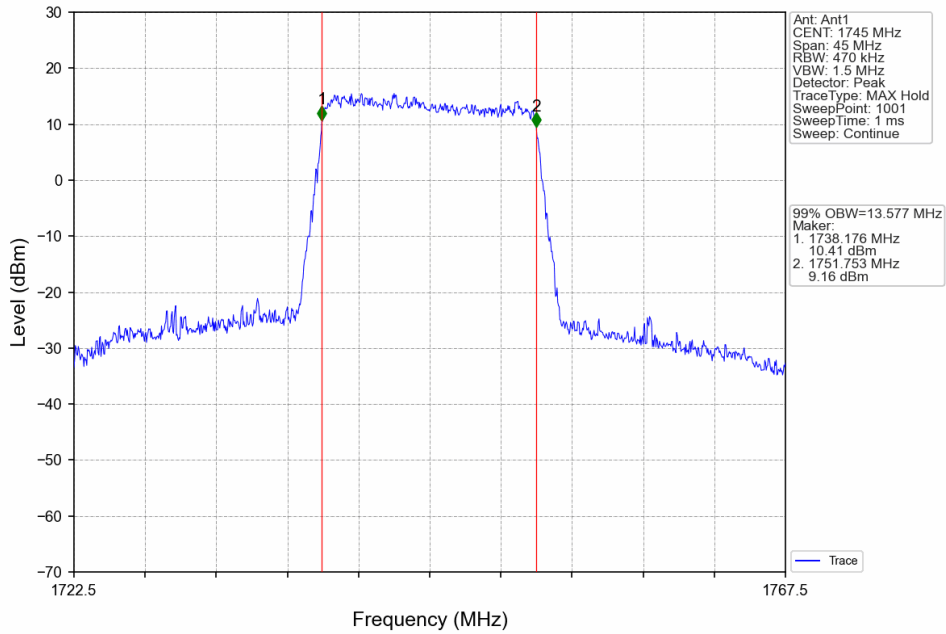
Band66_15MHz_QPSK_HCH_1772.5MHz_RB_75_0_NTNV



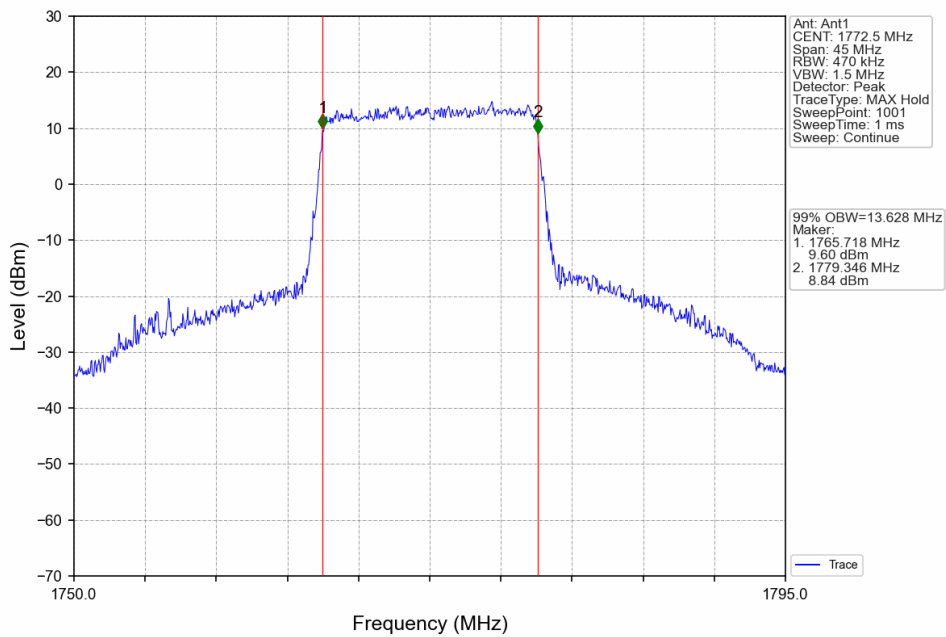
Band66_15MHz_16QAM_LCH_1717.5MHz_RB_75_0_NTNV



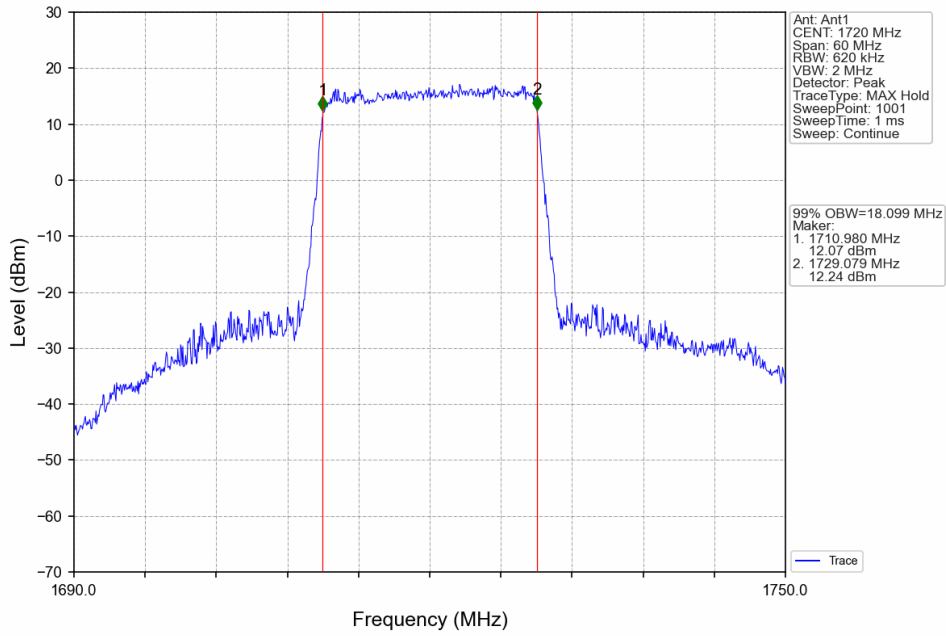
Band66_15MHz_16QAM_MCH_1745MHz_RB_75_0_NTNV



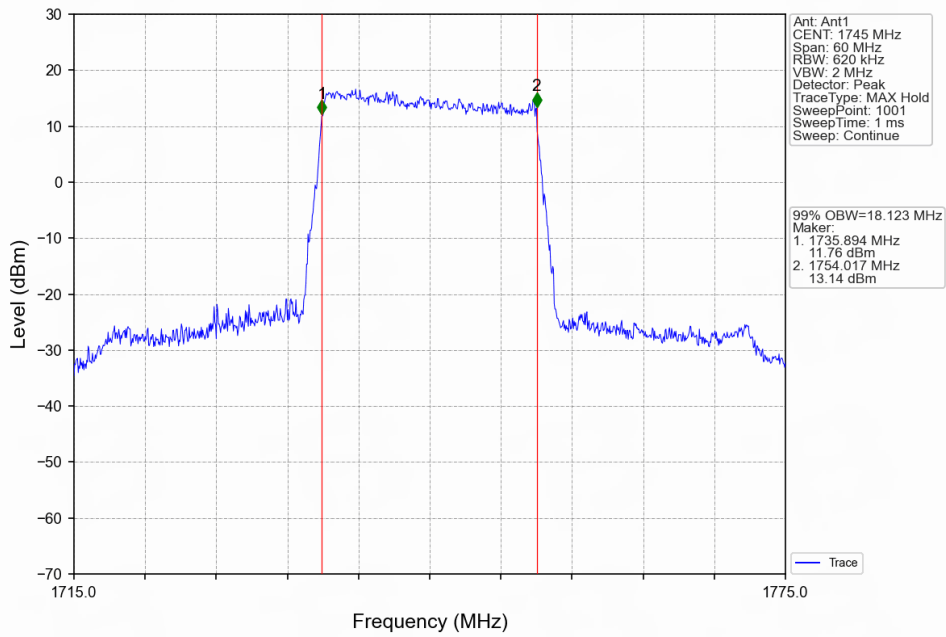
Band66_15MHz_16QAM_HCH_1772.5MHz_RB_75_0_NTNV

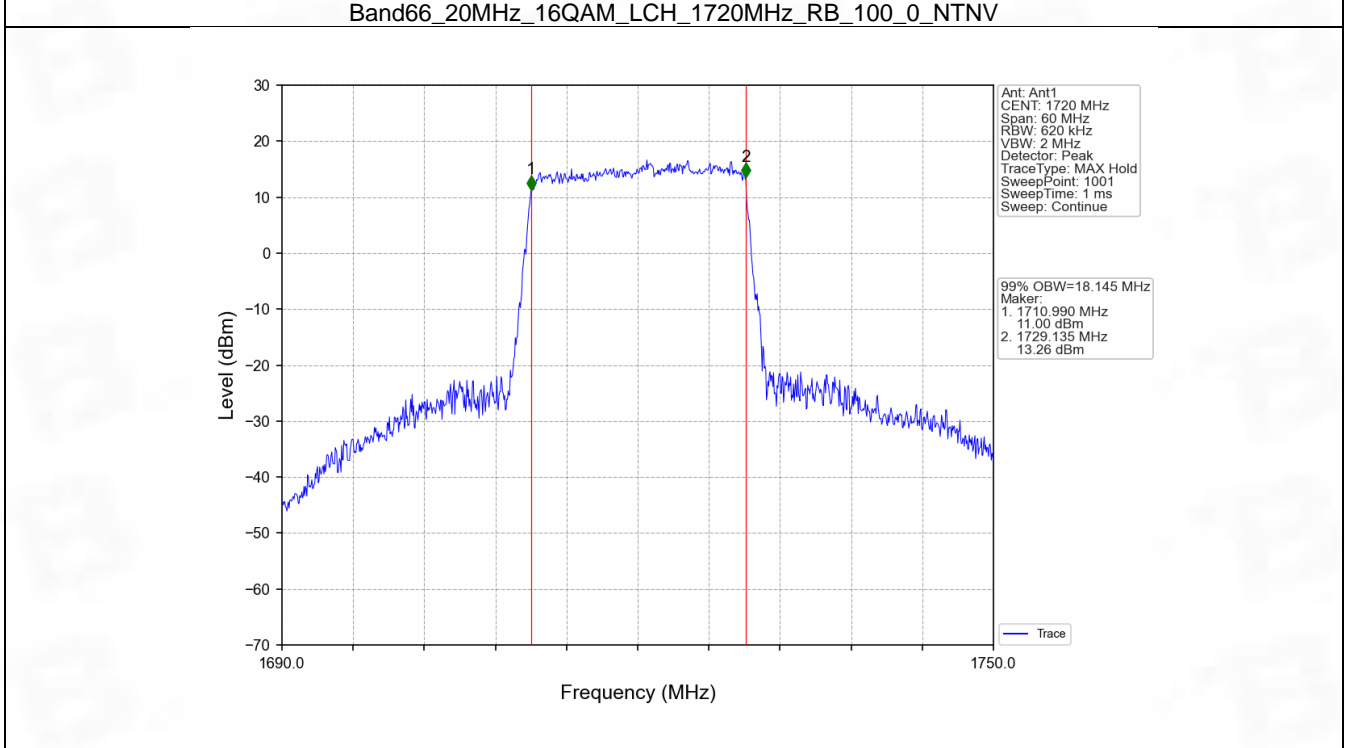
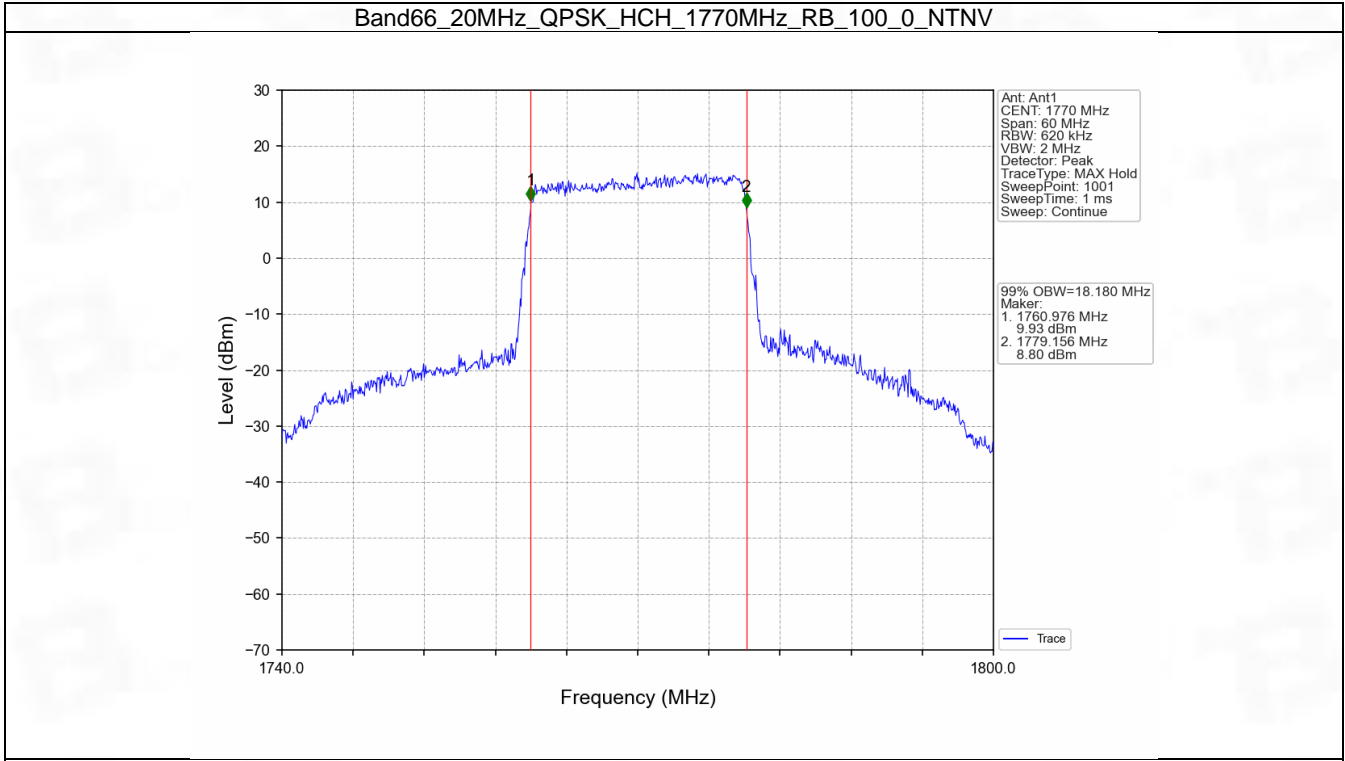


Band66_20MHz_QPSK_LCH_1720MHz_RB_100_0_NTNV

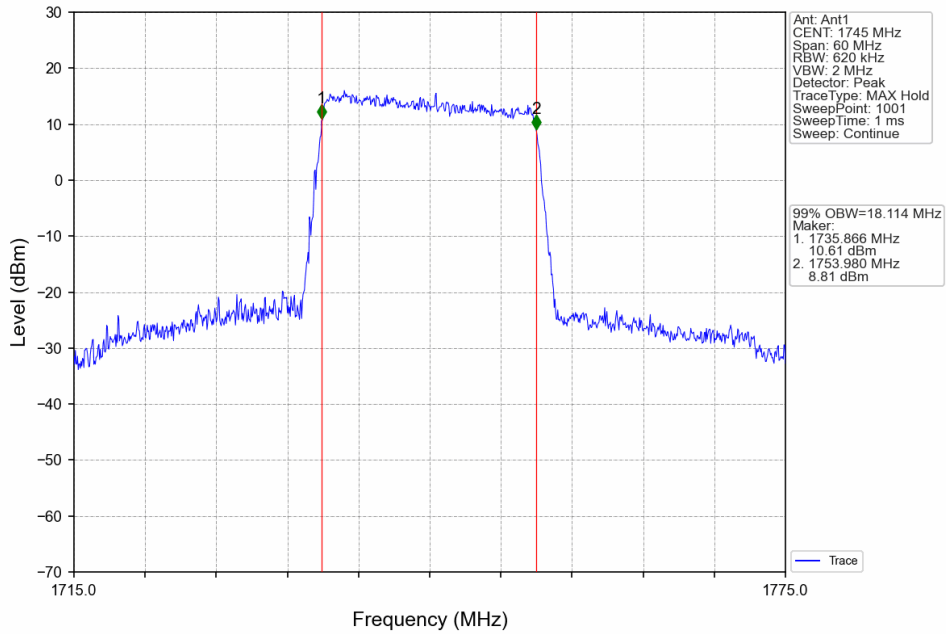


Band66_20MHz_QPSK_MCH_1745MHz_RB_100_0_NTNV

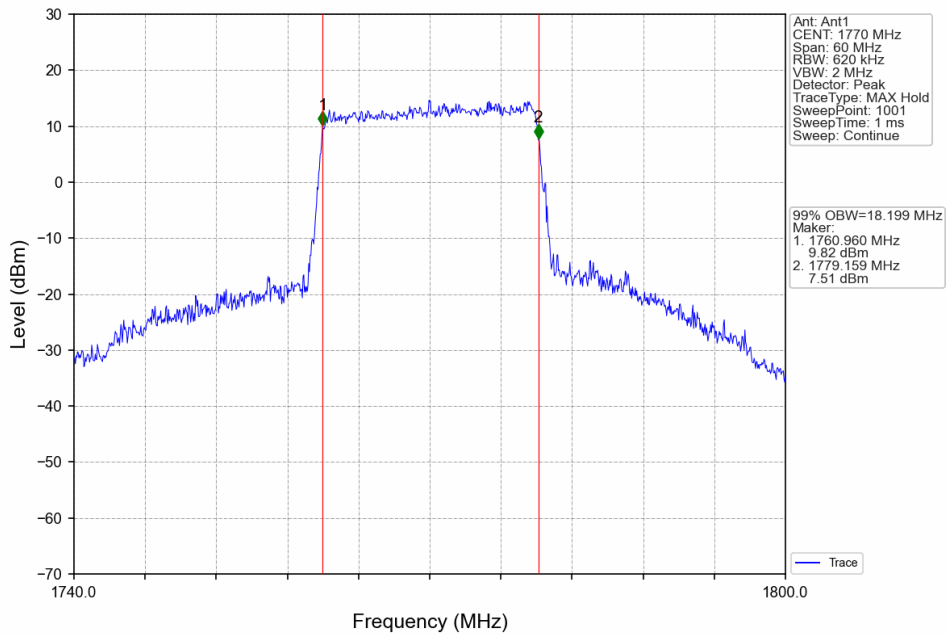




Band66_20MHz_16QAM_MCH_1745MHz_RB_100_0_NTNV



Band66_20MHz_16QAM_HCH_1770MHz_RB_100_0_NTNV

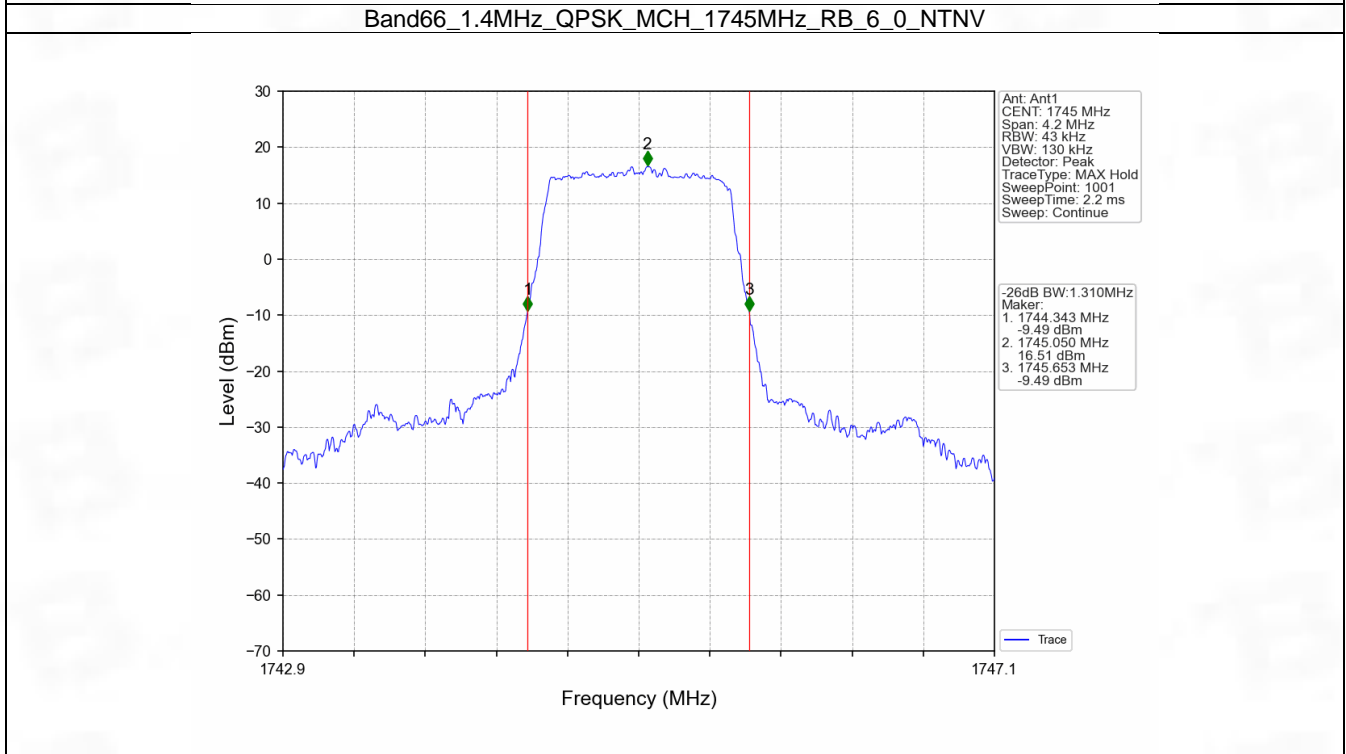
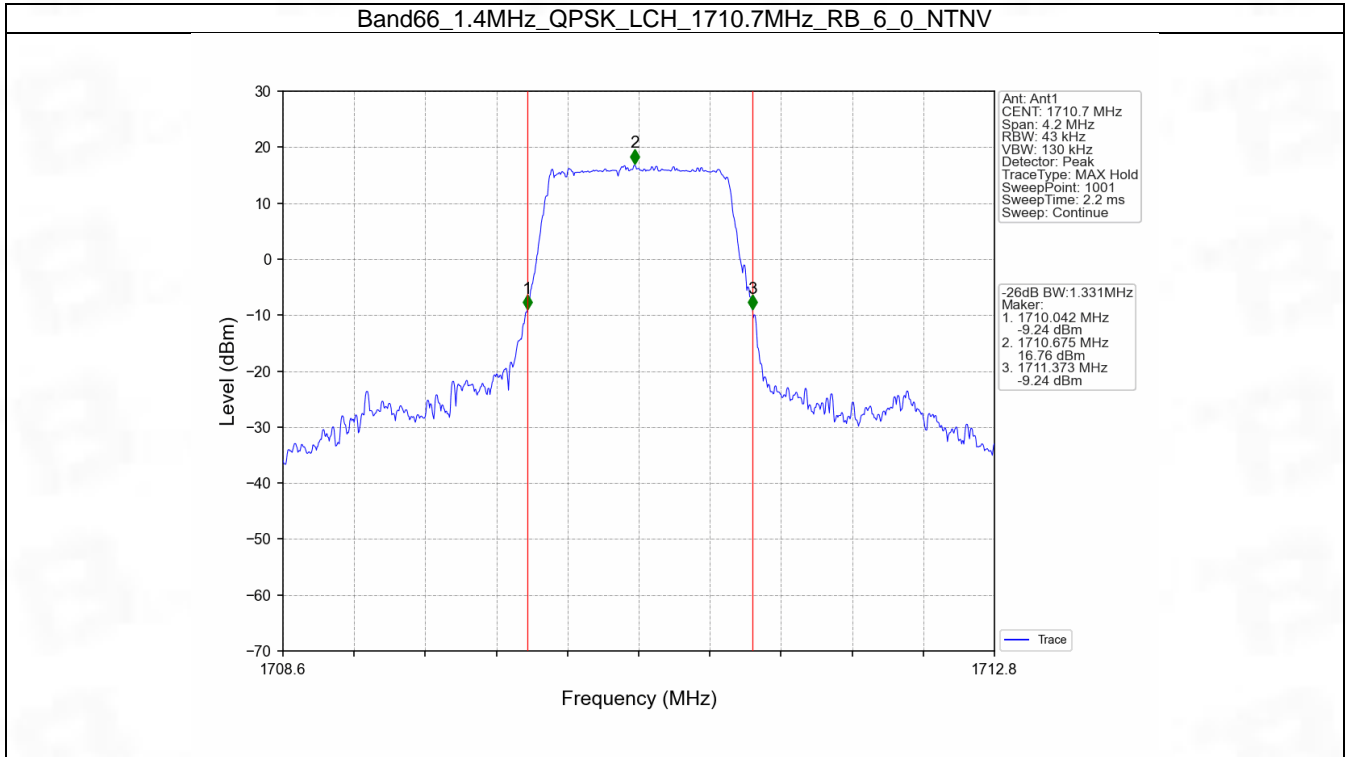


4.2 Band66_XDB

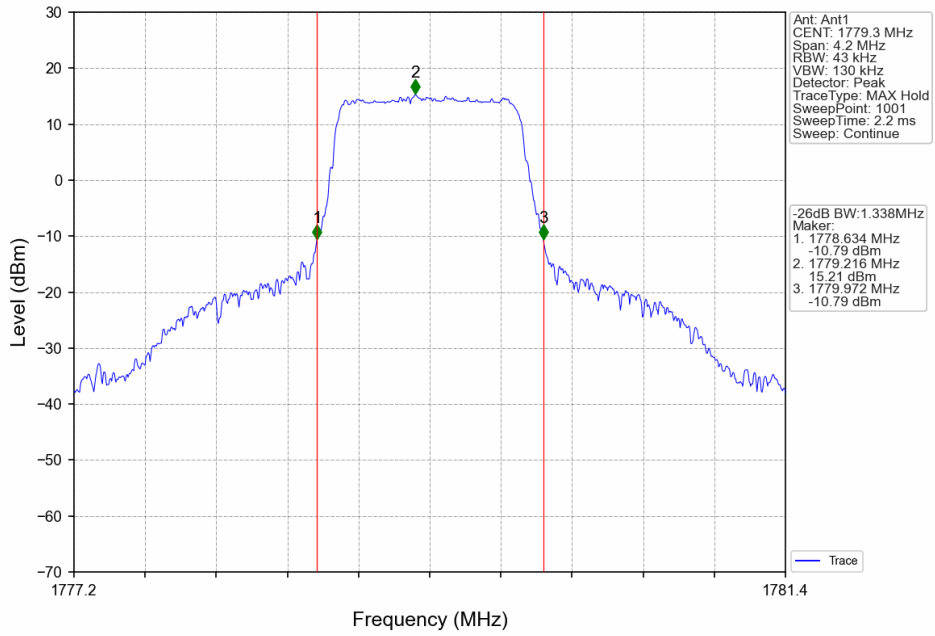
4.2.1 Test Result

Band: 66 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)	Verdict
			Size	Offset	Result	
1.4	QPSK	1710.7	6	0	1.331	Pass
		1745	6	0	1.310	Pass
		1779.3	6	0	1.338	Pass
	16QAM	1710.7	6	0	1.304	Pass
		1745	6	0	1.332	Pass
		1779.3	6	0	1.337	Pass
3	QPSK	1711.5	15	0	2.995	Pass
		1745	15	0	3.006	Pass
		1778.5	15	0	2.990	Pass
	16QAM	1711.5	15	0	2.976	Pass
		1745	15	0	2.972	Pass
		1778.5	15	0	2.995	Pass
5	QPSK	1712.5	25	0	5.213	Pass
		1745	25	0	5.247	Pass
		1777.5	25	0	5.249	Pass
	16QAM	1712.5	25	0	5.324	Pass
		1745	25	0	5.257	Pass
		1777.5	25	0	5.291	Pass
10	QPSK	1715	50	0	10.309	Pass
		1745	50	0	10.210	Pass
		1775	50	0	10.404	Pass
	16QAM	1715	50	0	10.193	Pass
		1745	50	0	10.187	Pass
		1775	50	0	10.312	Pass
15	QPSK	1717.5	75	0	15.229	Pass
		1745	75	0	15.288	Pass
		1772.5	75	0	15.990	Pass
	16QAM	1717.5	75	0	15.255	Pass
		1745	75	0	15.356	Pass
		1772.5	75	0	15.269	Pass
20	QPSK	1720	100	0	20.039	Pass
		1745	100	0	20.262	Pass
		1770	100	0	20.136	Pass
	16QAM	1720	100	0	20.122	Pass
		1745	100	0	20.115	Pass
		1770	100	0	20.115	Pass

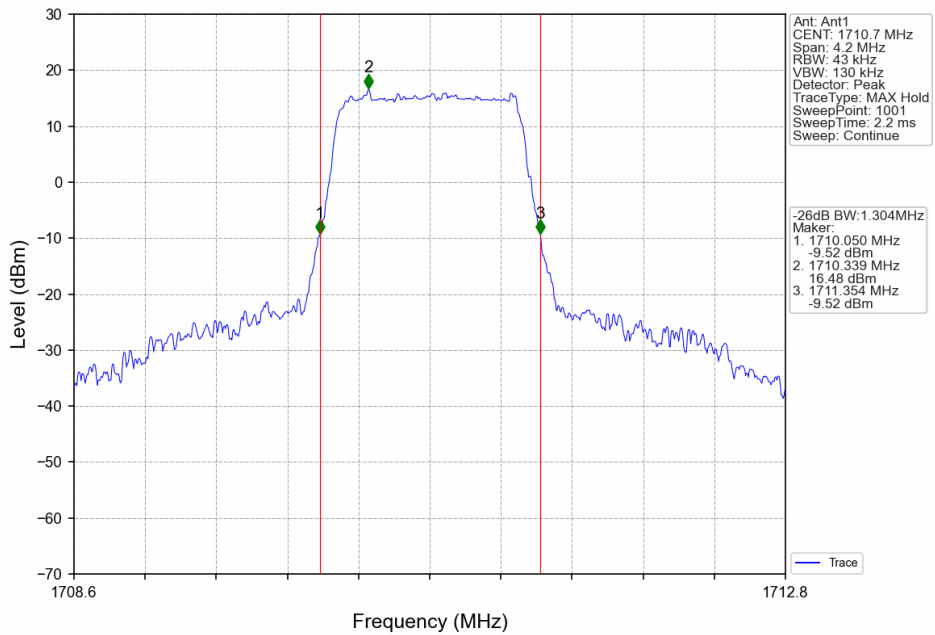
4.2.2 Test Graph

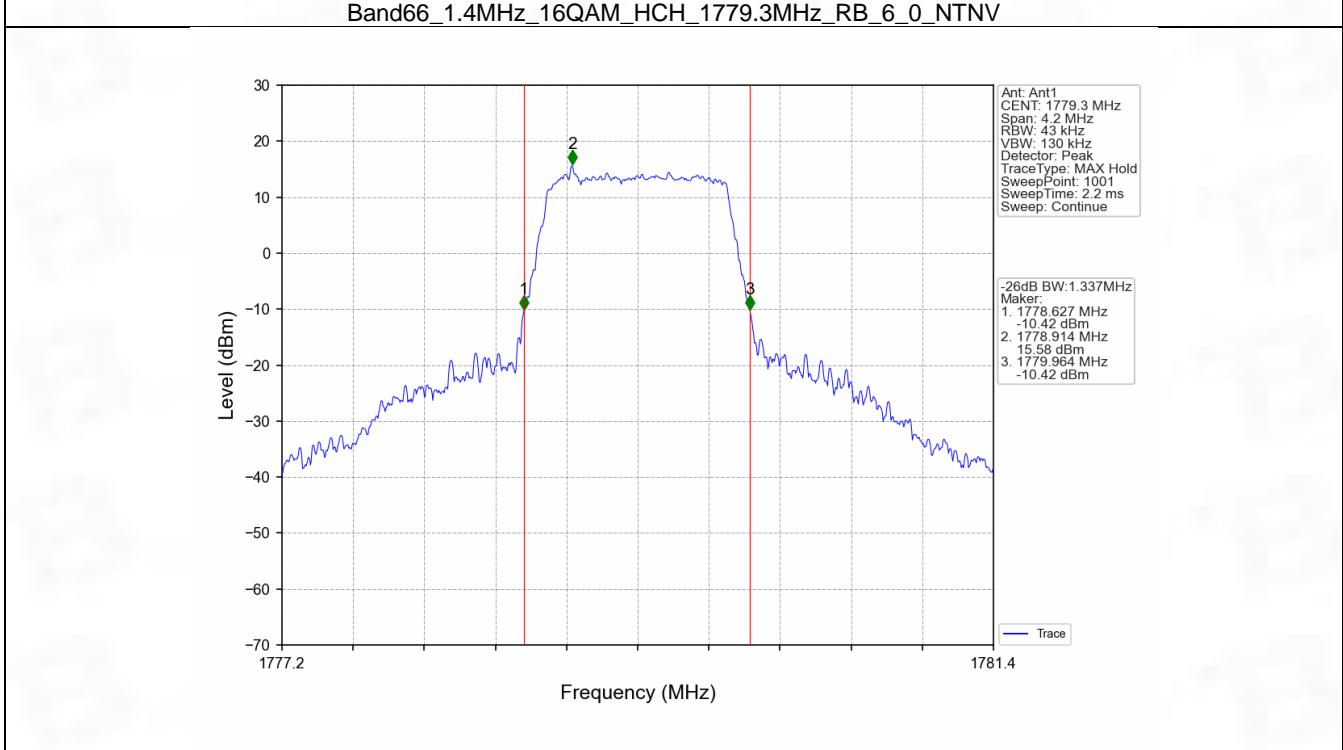
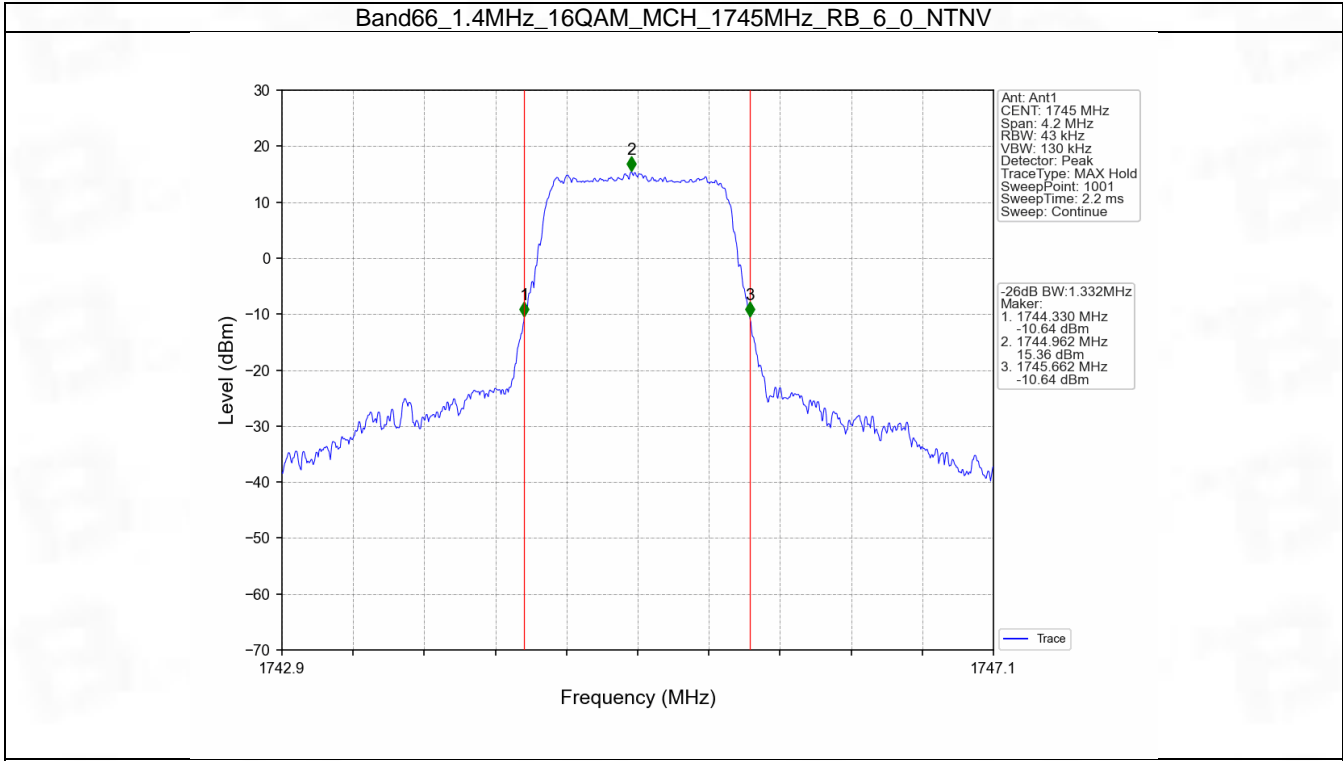


Band66_1.4MHz_QPSK_HCH_1779.3MHz_RB_6_0_NTNV

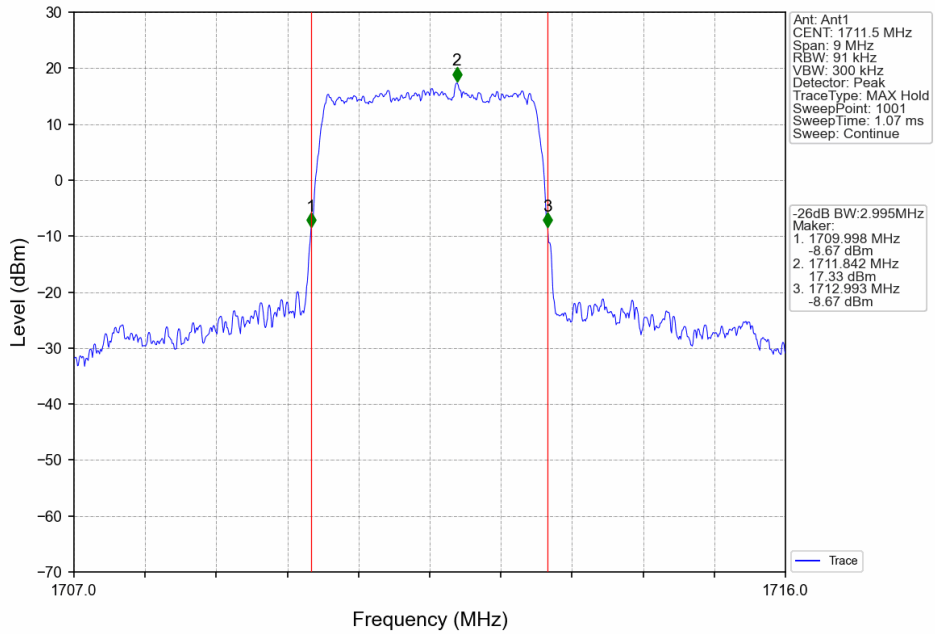


Band66_1.4MHz_16QAM_LCH_1710.7MHz_RB_6_0_NTNV

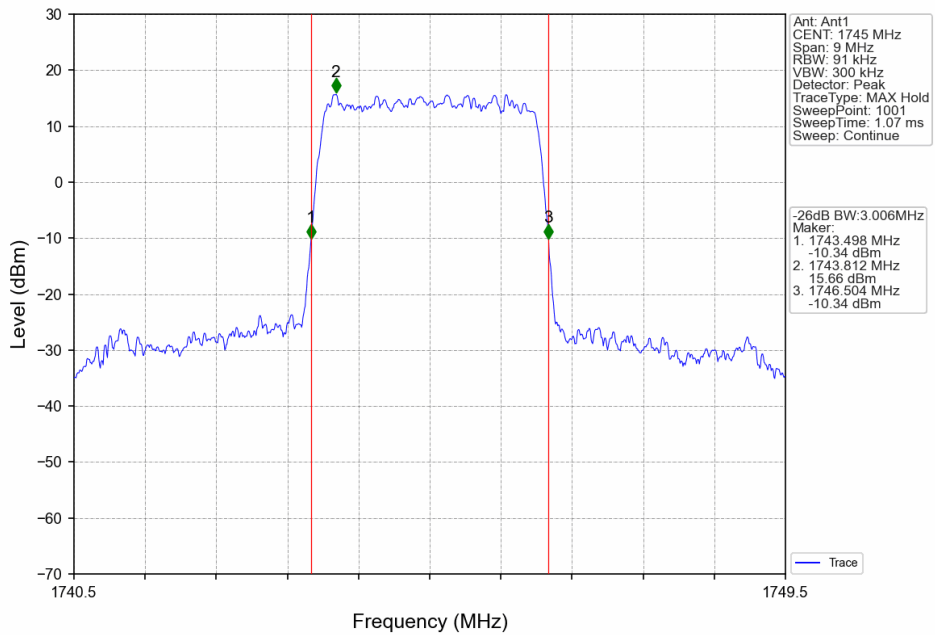




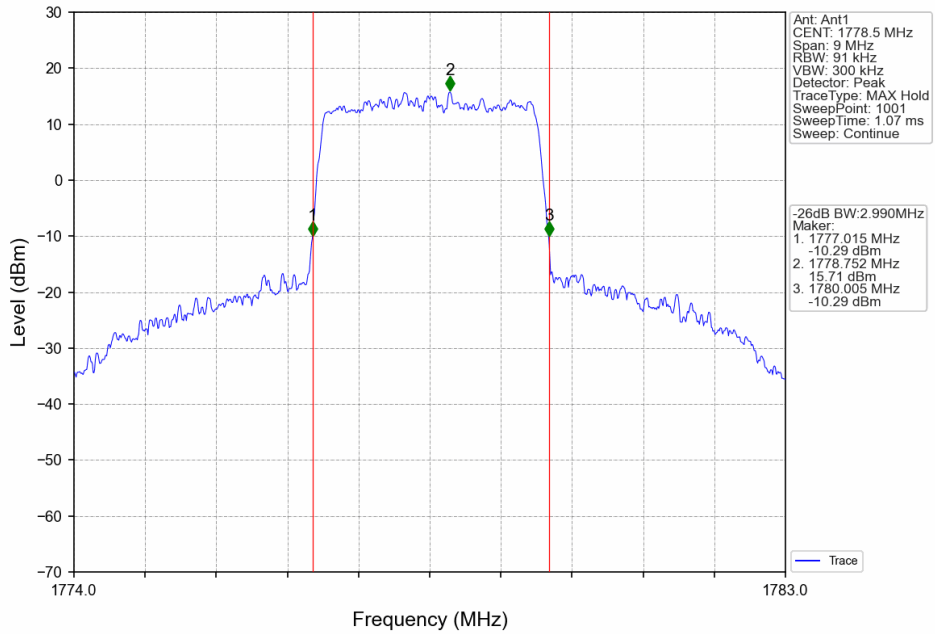
Band66_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV



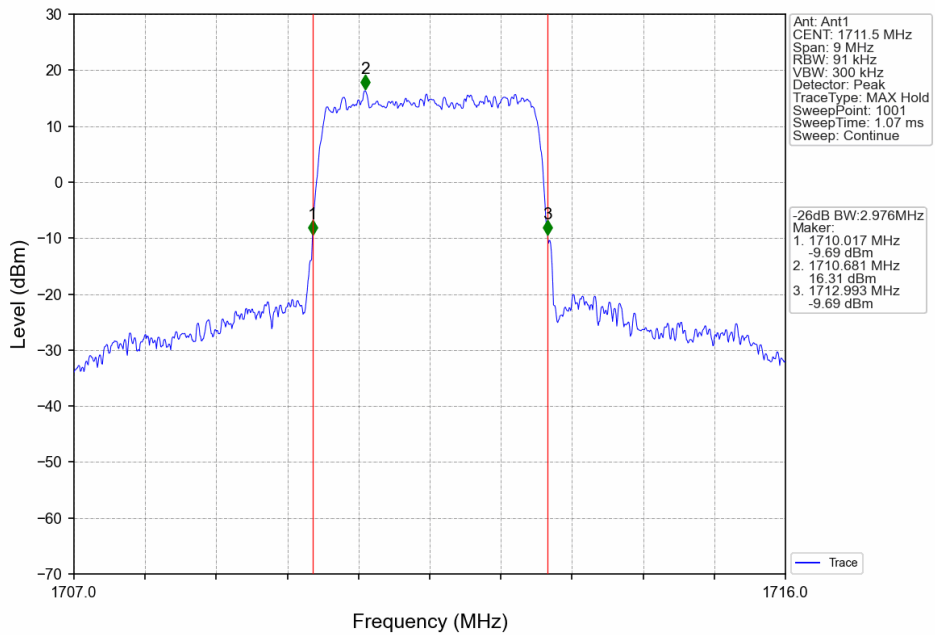
Band66_3MHz_QPSK_MCH_1745MHz_RB_15_0_NTNV



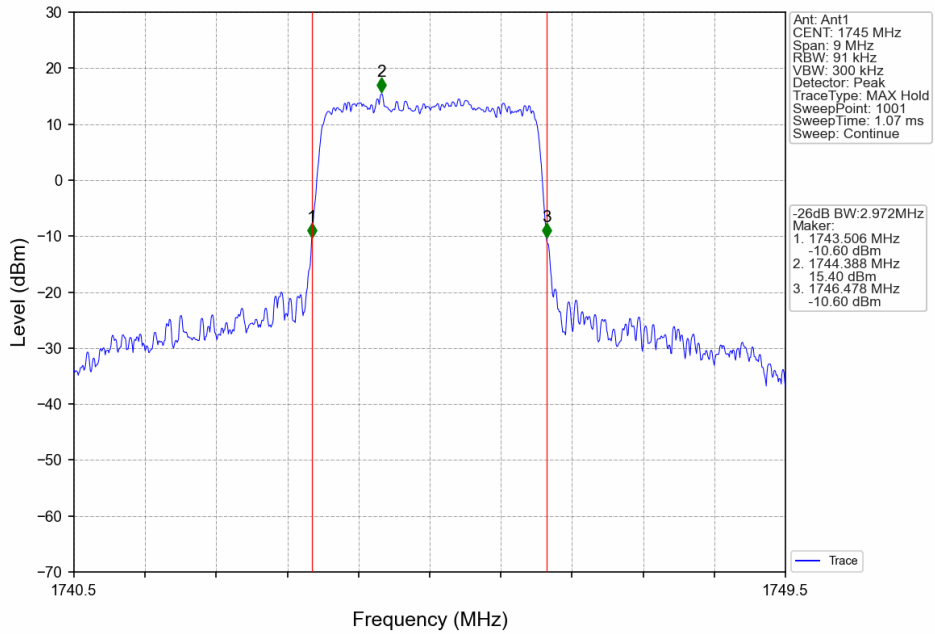
Band66_3MHz_QPSK_HCH_1778.5MHz_RB_15_0_NTNV



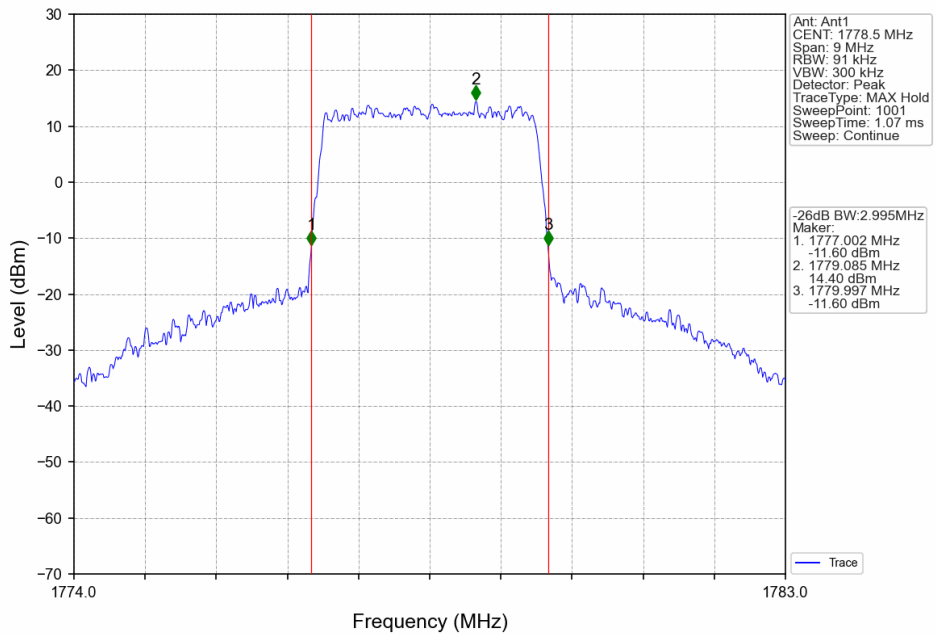
Band66_3MHz_16QAM_LCH_1711.5MHz_RB_15_0_NTNV



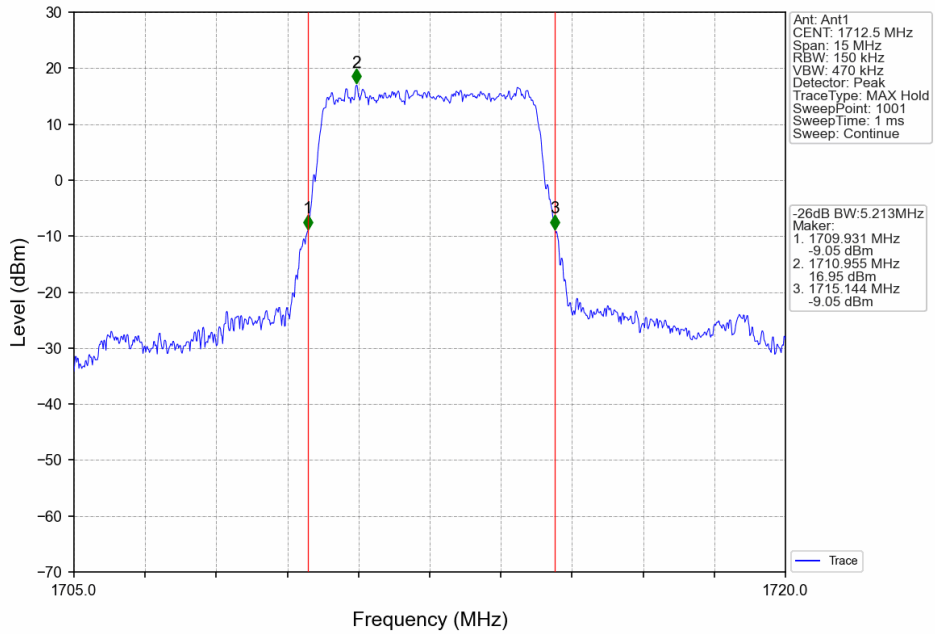
Band66_3MHz_16QAM_MCH_1745MHz_RB_15_0_NTNV



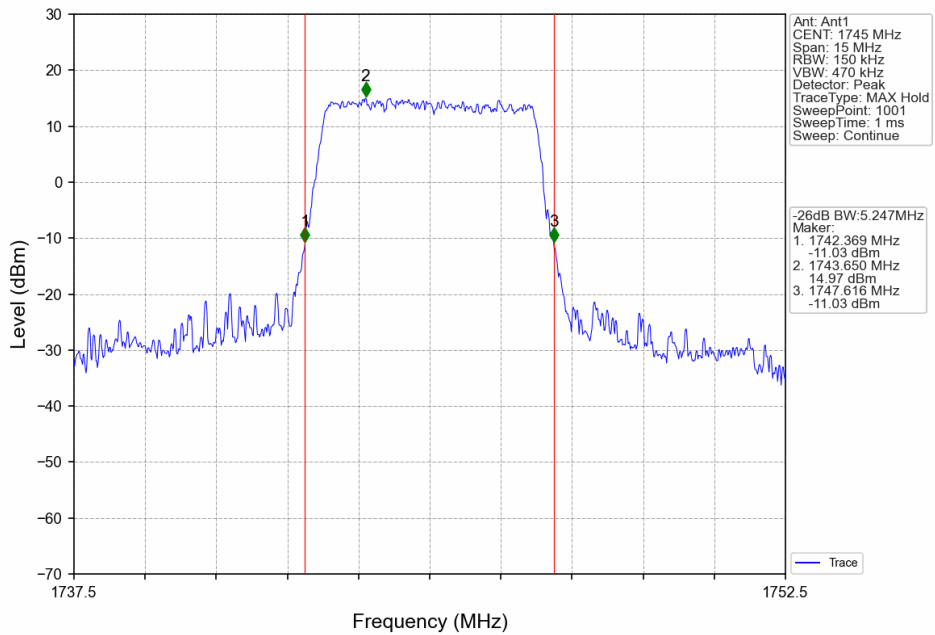
Band66_3MHz_16QAM_HCH_1778.5MHz_RB_15_0_NTNV



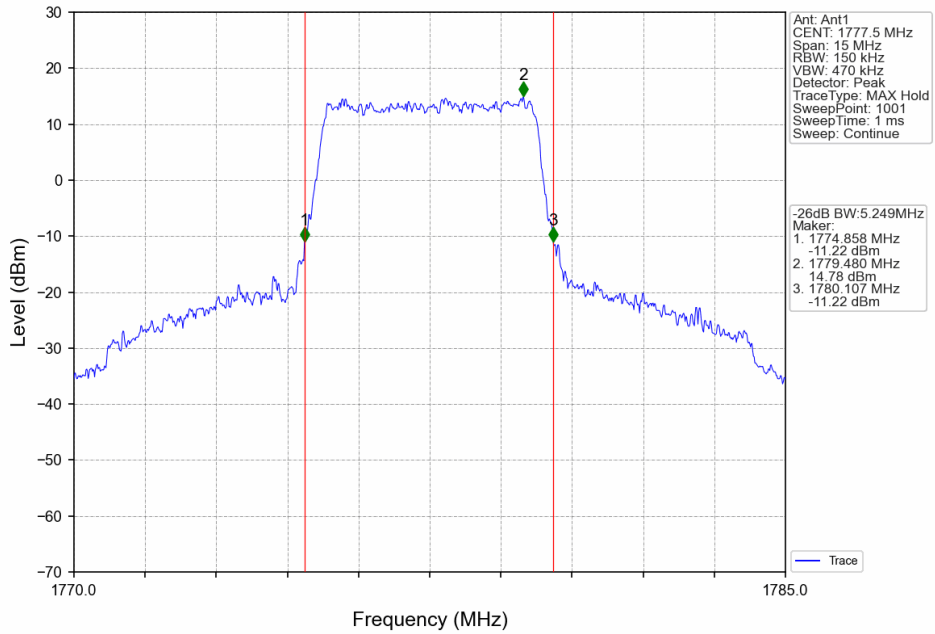
Band66_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV



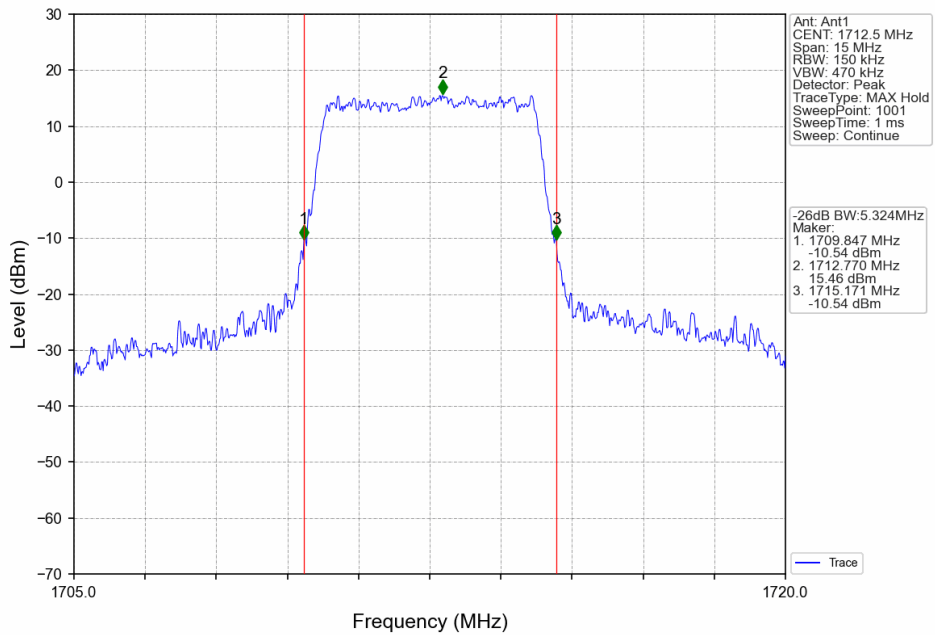
Band66_5MHz_QPSK_MCH_1745MHz_RB_25_0_NTNV



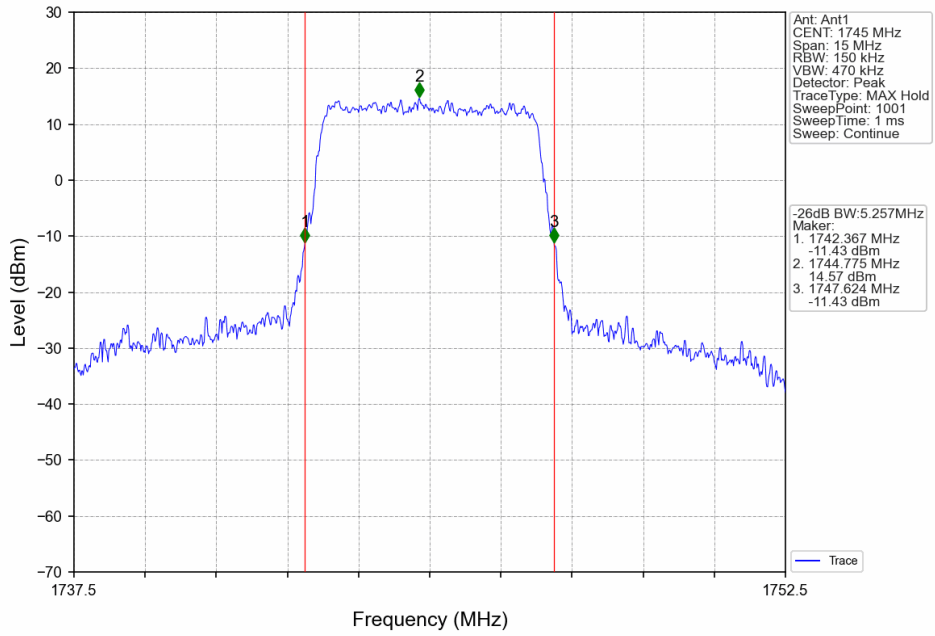
Band66_5MHz_QPSK_HCH_1777.5MHz_RB_25_0_NTNV



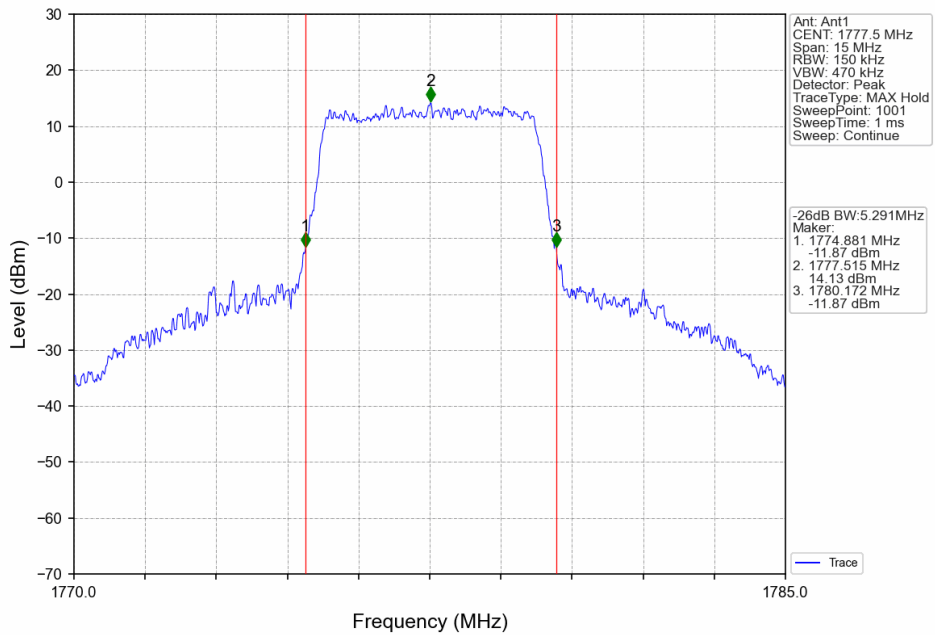
Band66_5MHz_16QAM_LCH_1712.5MHz_RB_25_0_NTNV



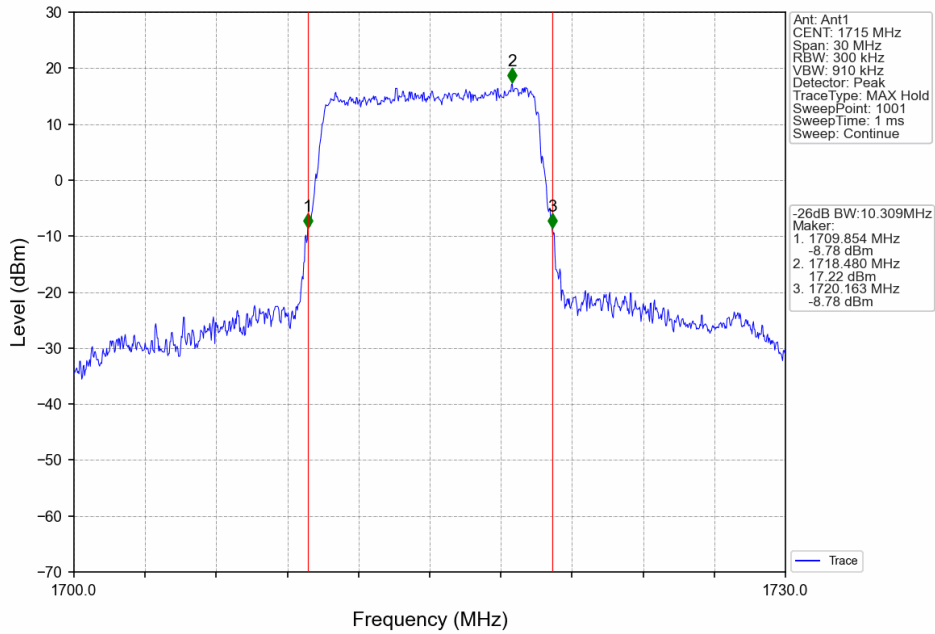
Band66_5MHz_16QAM_MCH_1745MHz_RB_25_0_NTNV



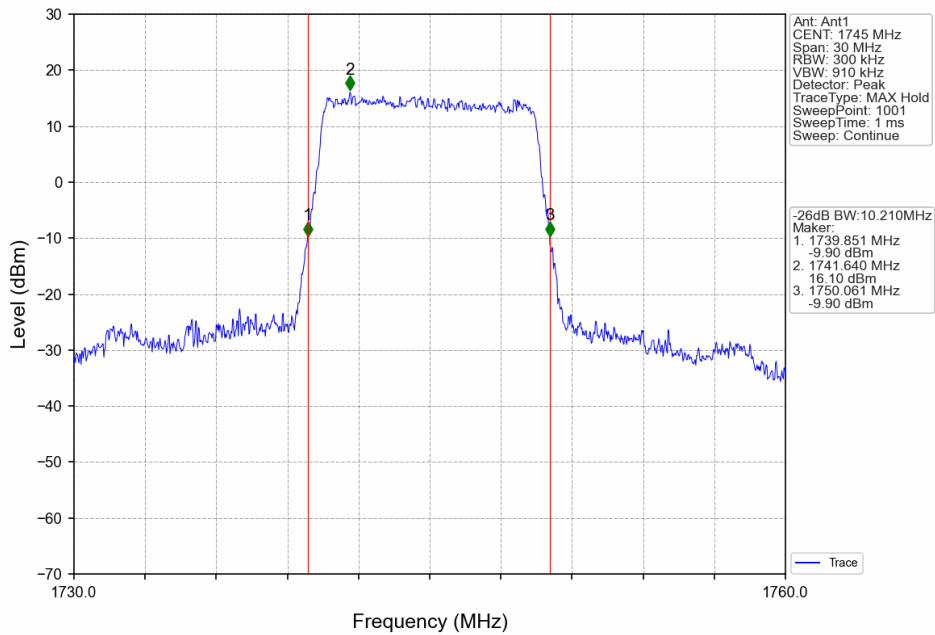
Band66_5MHz_16QAM_HCH_1777.5MHz_RB_25_0_NTNV



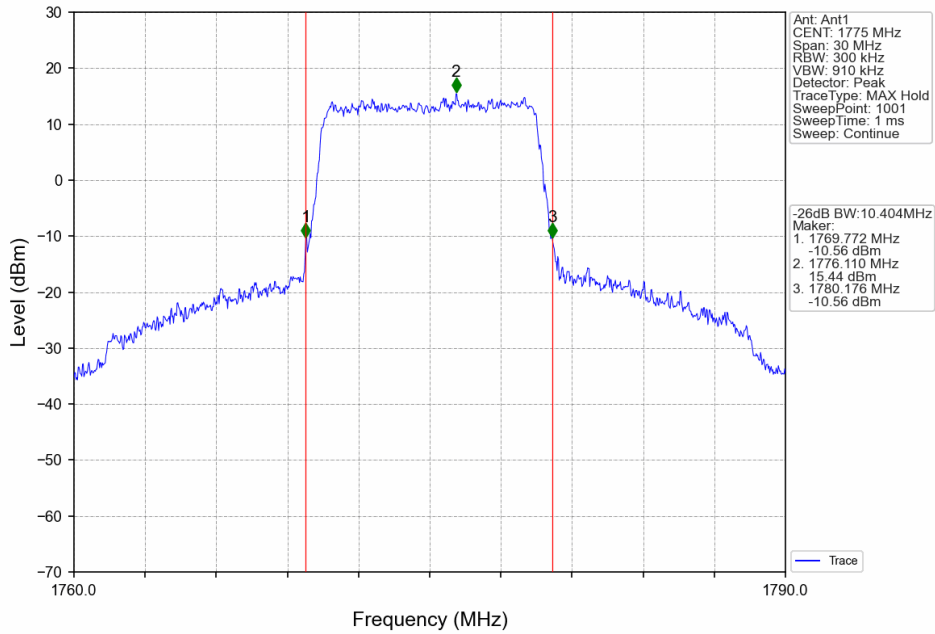
Band66_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV



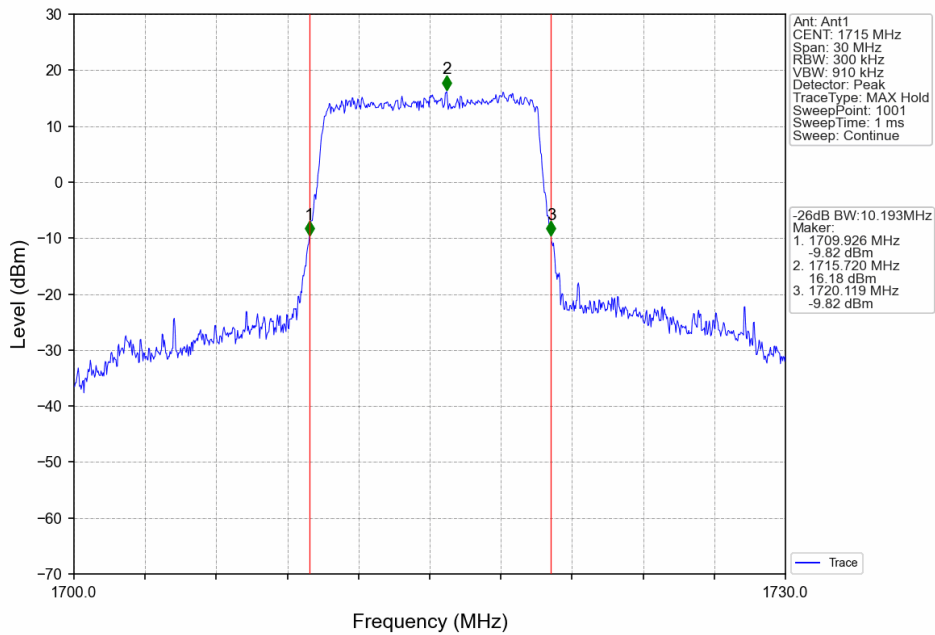
Band66_10MHz_QPSK_MCH_1745MHz_RB_50_0_NTNV



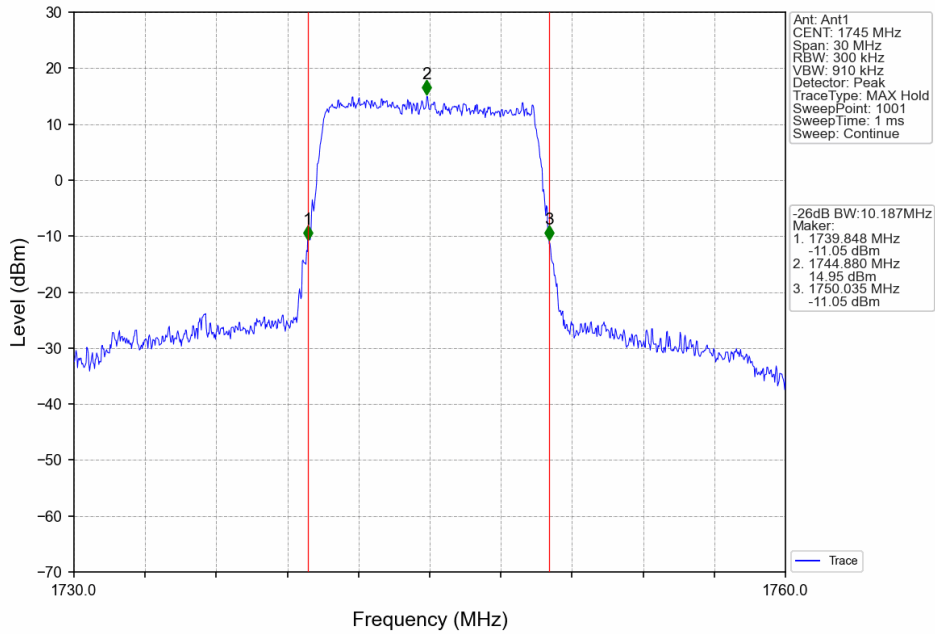
Band66_10MHz_QPSK_HCH_1775MHz_RB_50_0_NTNV



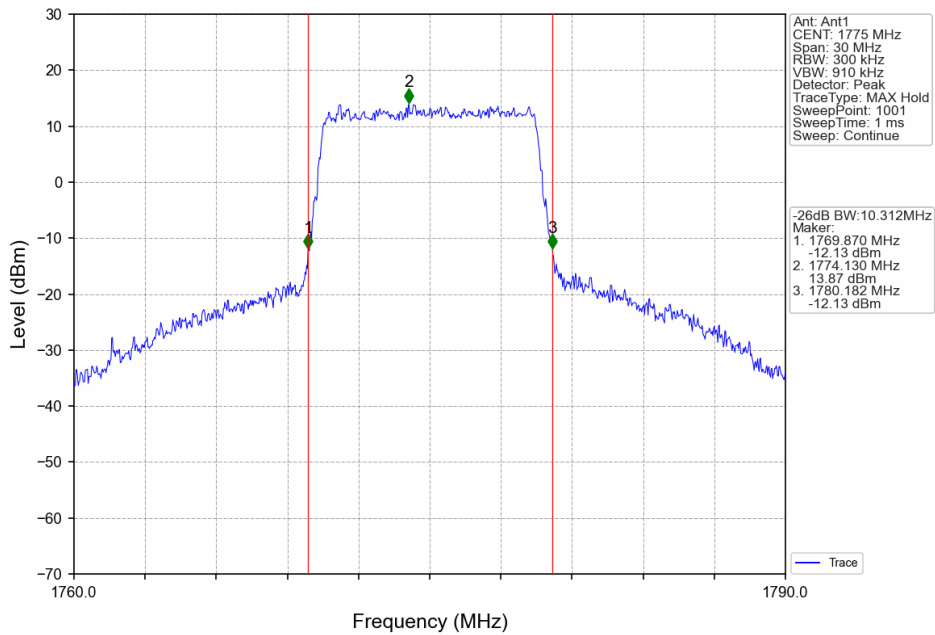
Band66_10MHz_16QAM_LCH_1715MHz_RB_50_0_NTNV



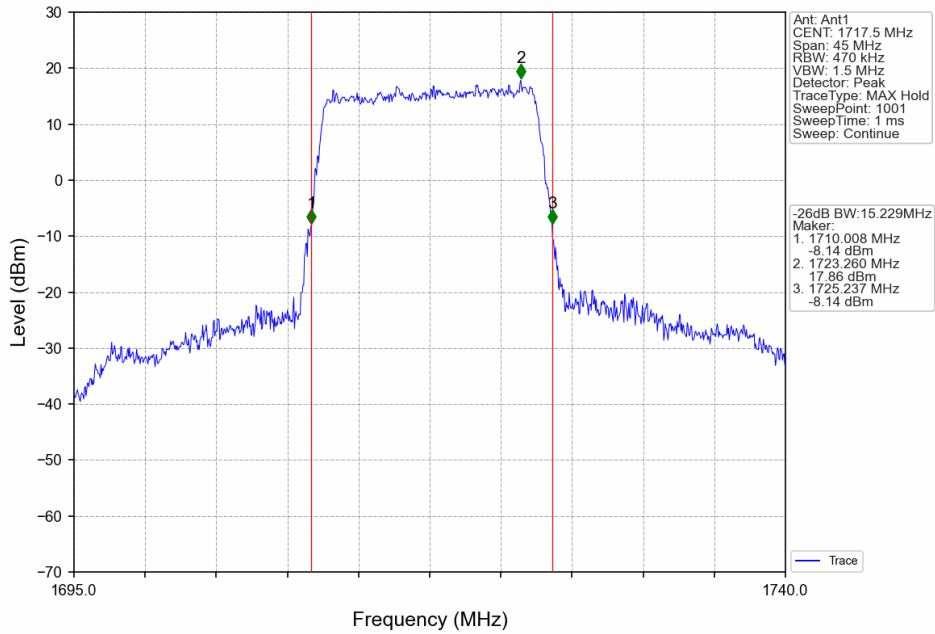
Band66_10MHz_16QAM_MCH_1745MHz_RB_50_0_NTNV



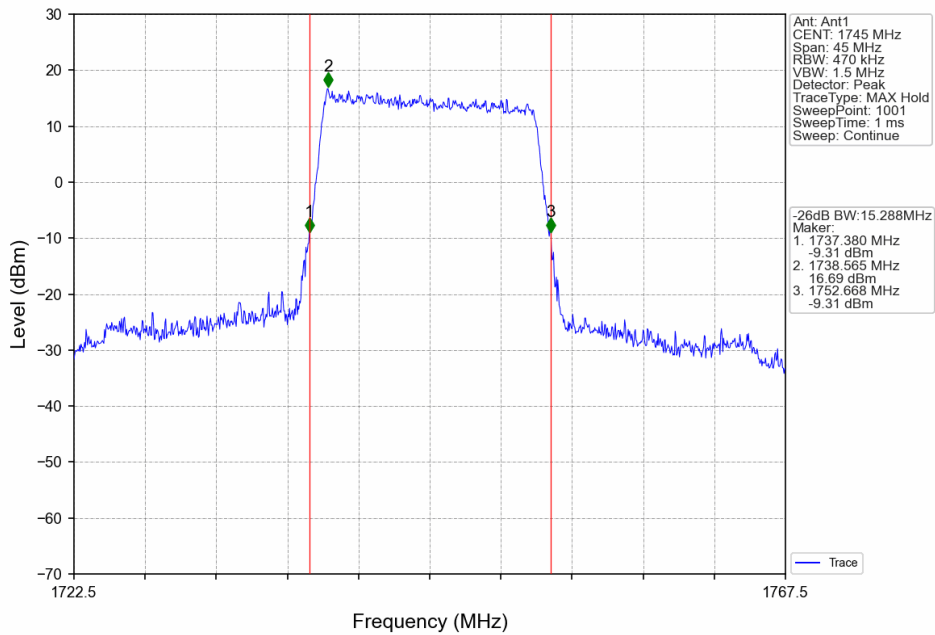
Band66_10MHz_16QAM_HCH_1775MHz_RB_50_0_NTNV



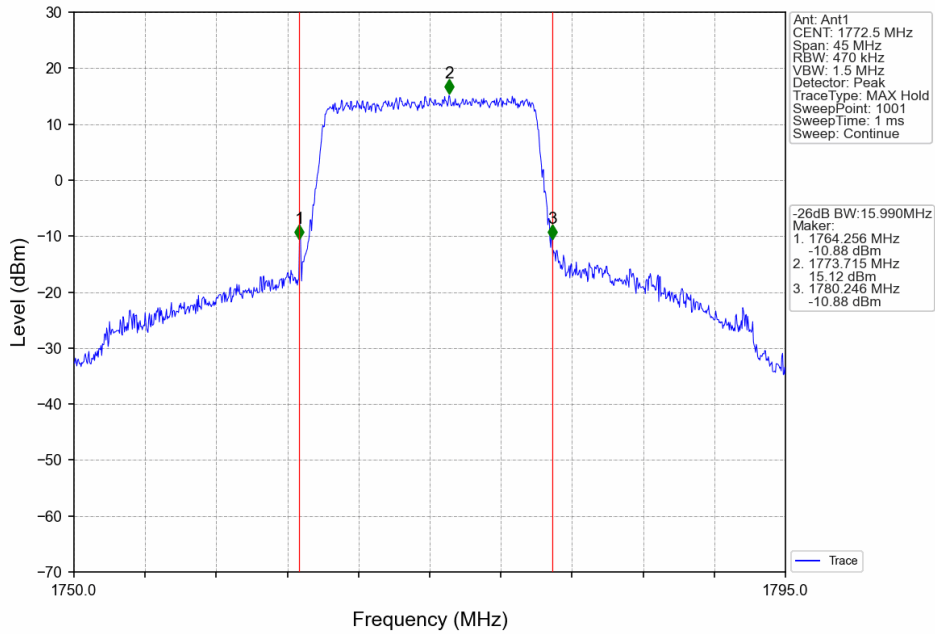
Band66_15MHz_QPSK_LCH_1717.5MHz_RB_75_0_NTNV



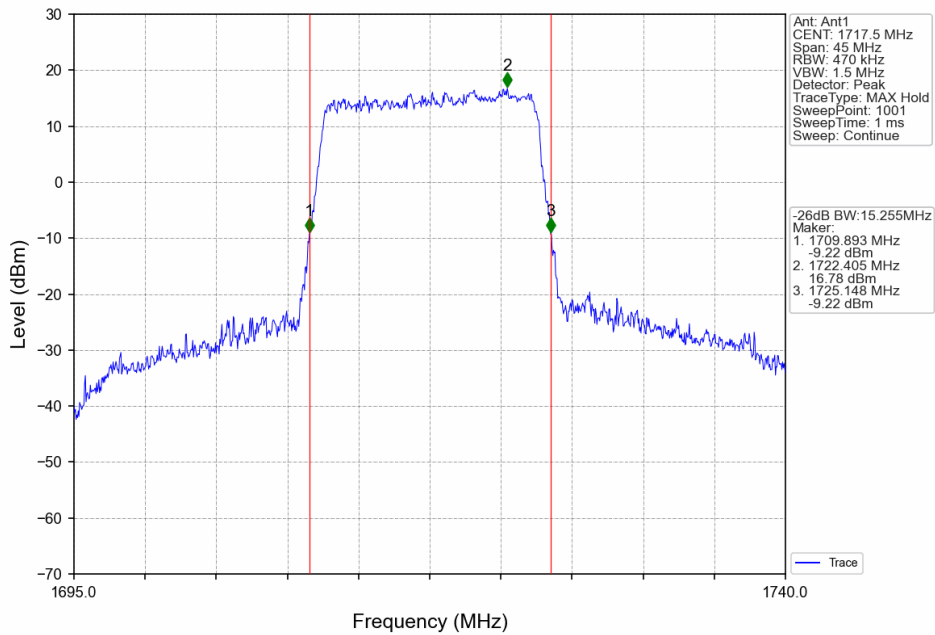
Band66_15MHz_QPSK_MCH_1745MHz_RB_75_0_NTNV



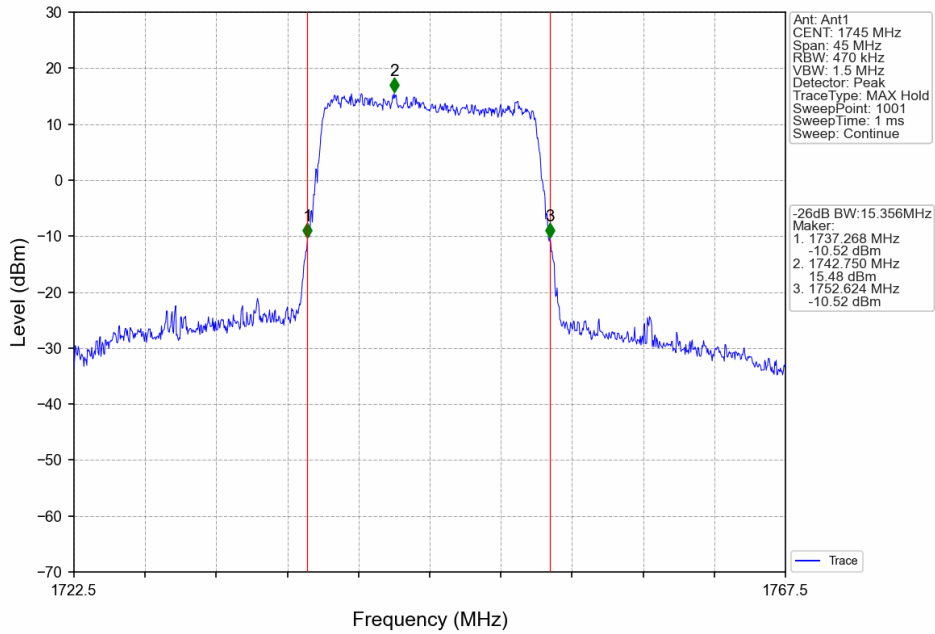
Band66_15MHz_QPSK_HCH_1772.5MHz_RB_75_0_NTNV



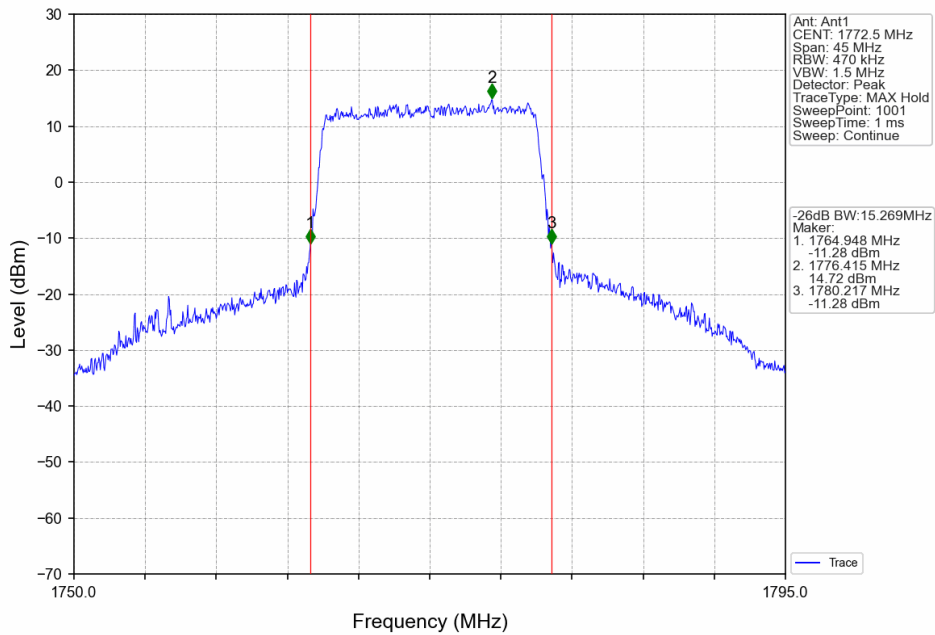
Band66_15MHz_16QAM_LCH_1717.5MHz_RB_75_0_NTNV



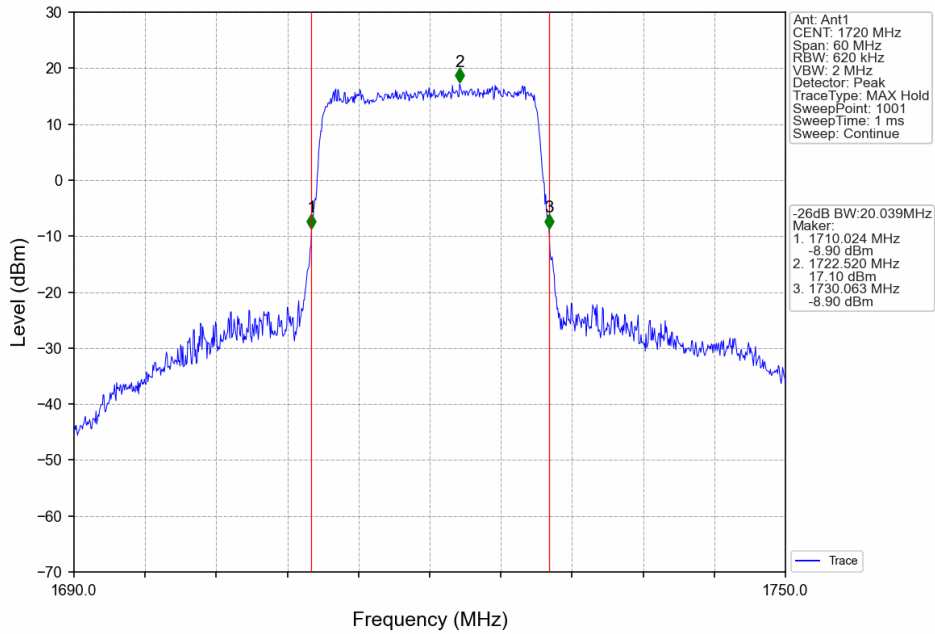
Band66_15MHz_16QAM_MCH_1745MHz_RB_75_0_NTNV



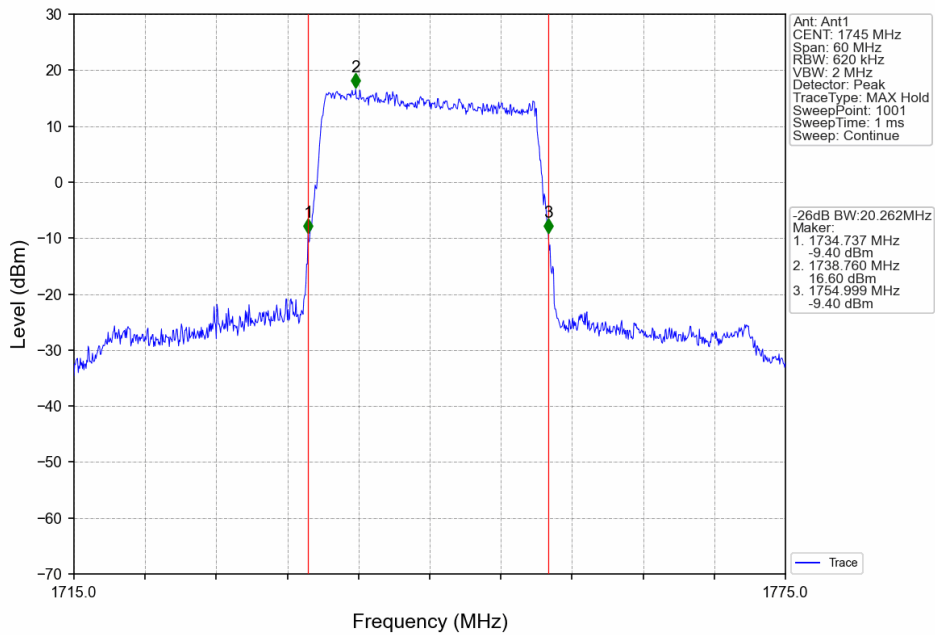
Band66_15MHz_16QAM_HCH_1772.5MHz_RB_75_0_NTNV

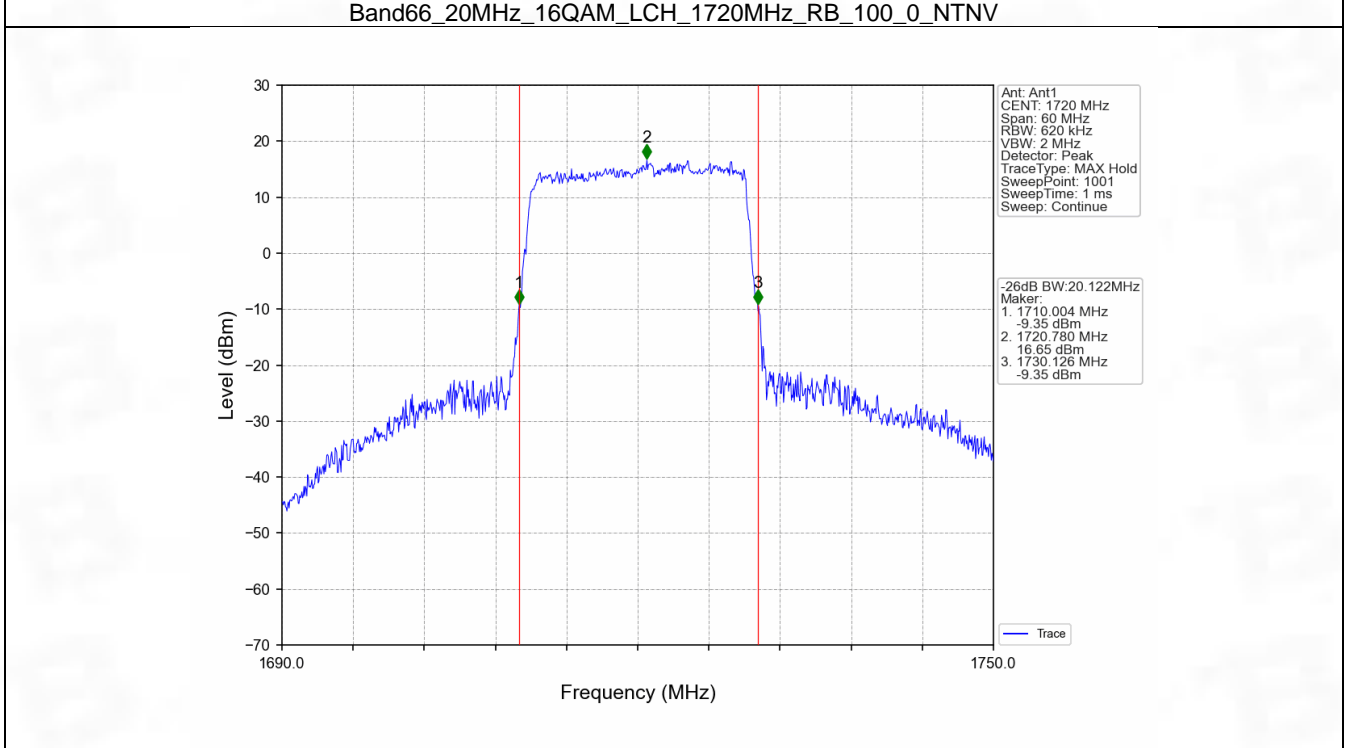
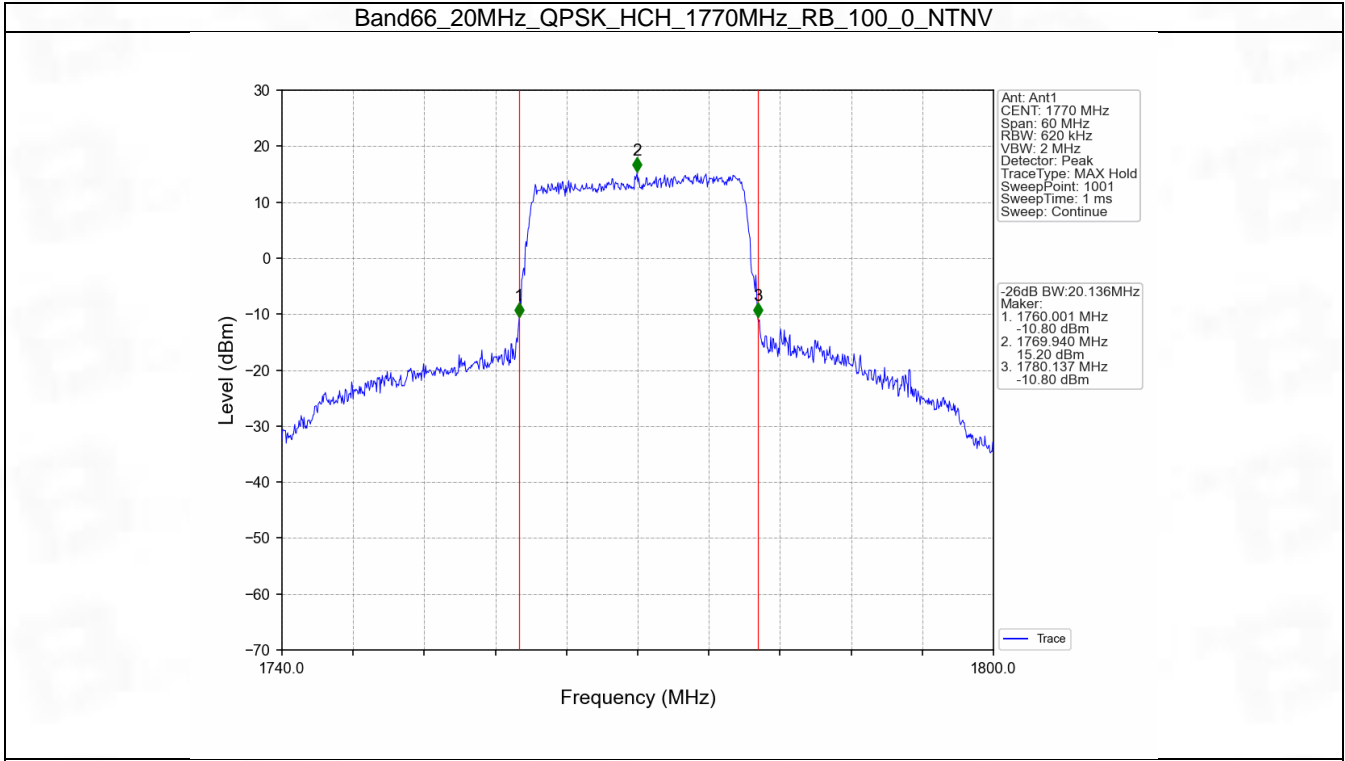


Band66_20MHz_QPSK_LCH_1720MHz_RB_100_0_NTNV

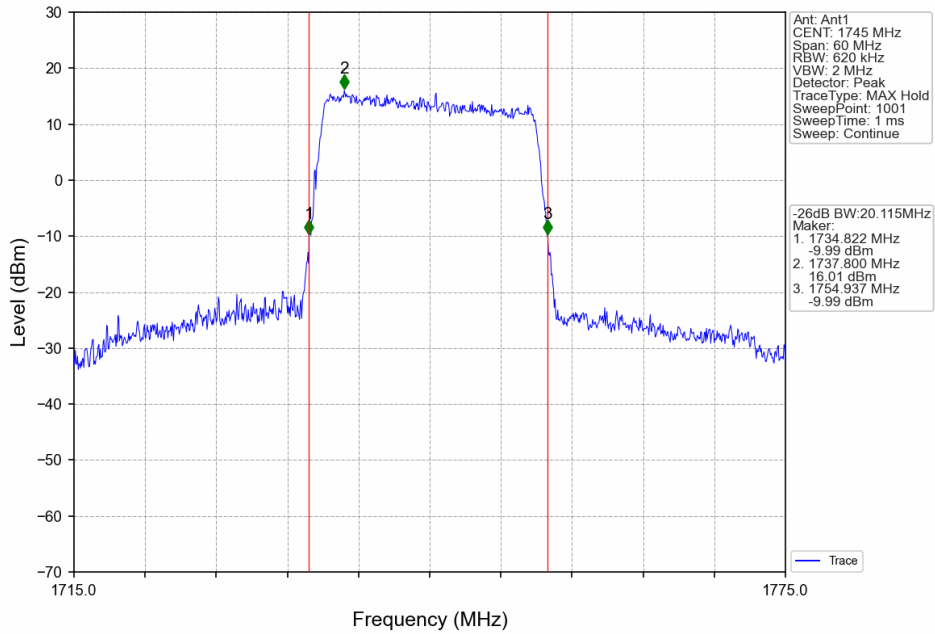


Band66_20MHz_QPSK_MCH_1745MHz_RB_100_0_NTNV

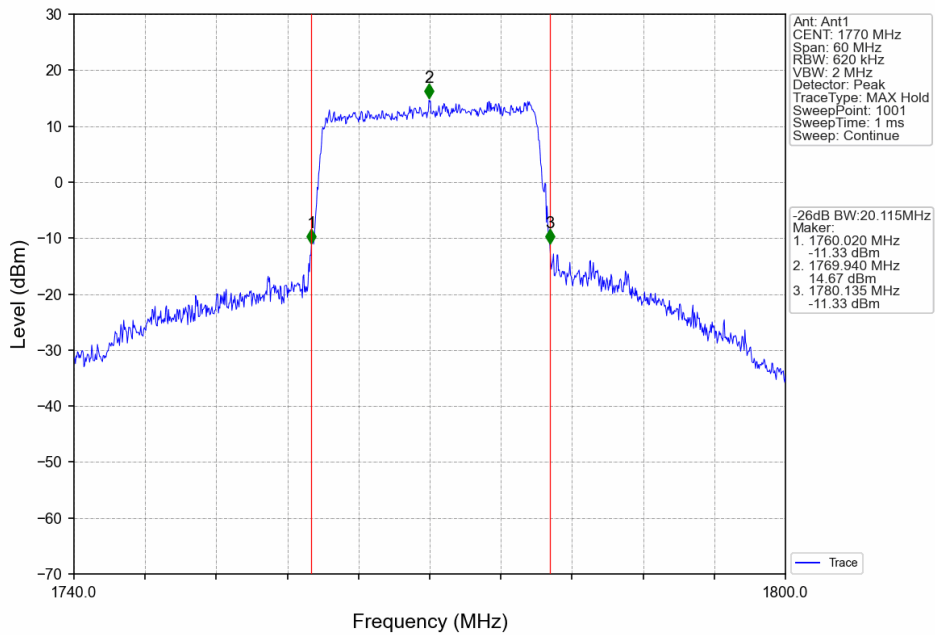




Band66_20MHz_16QAM_MCH_1745MHz_RB_100_0_NTNV



Band66_20MHz_16QAM_HCH_1770MHz_RB_100_0_NTNV



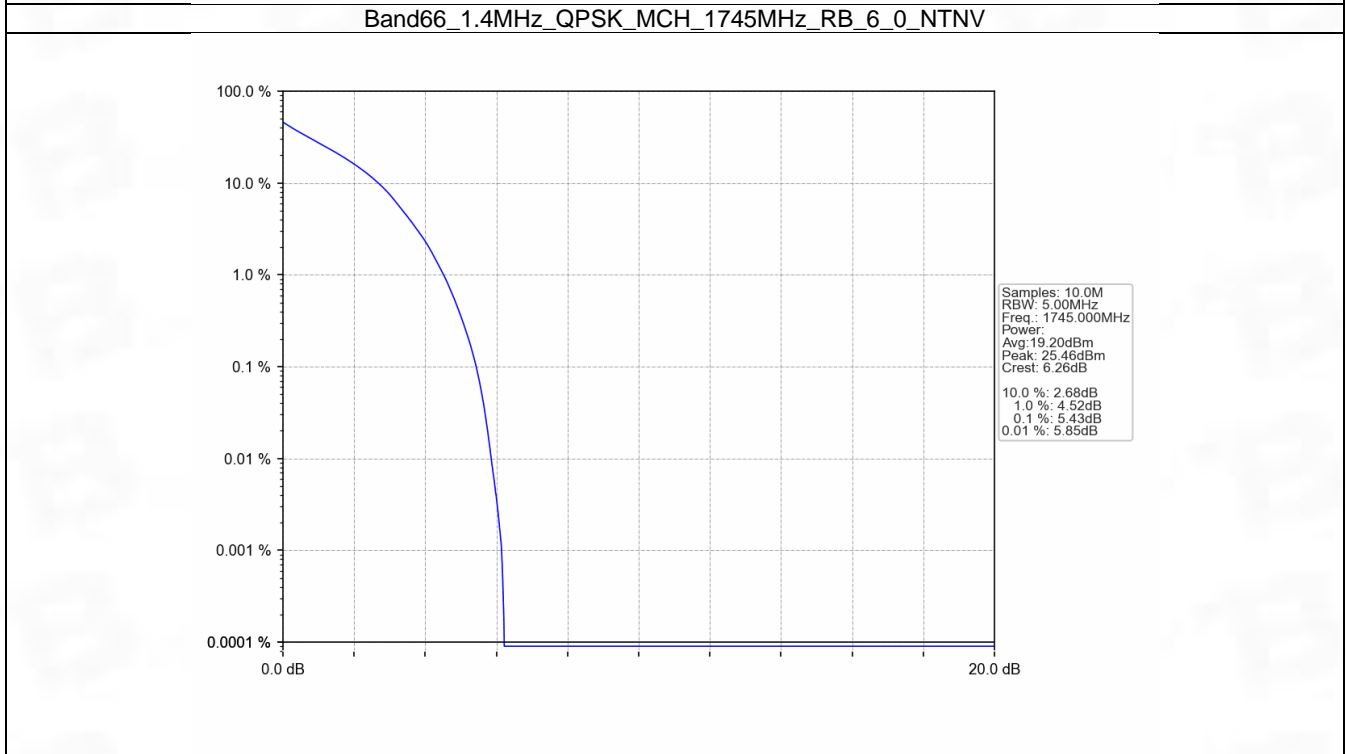
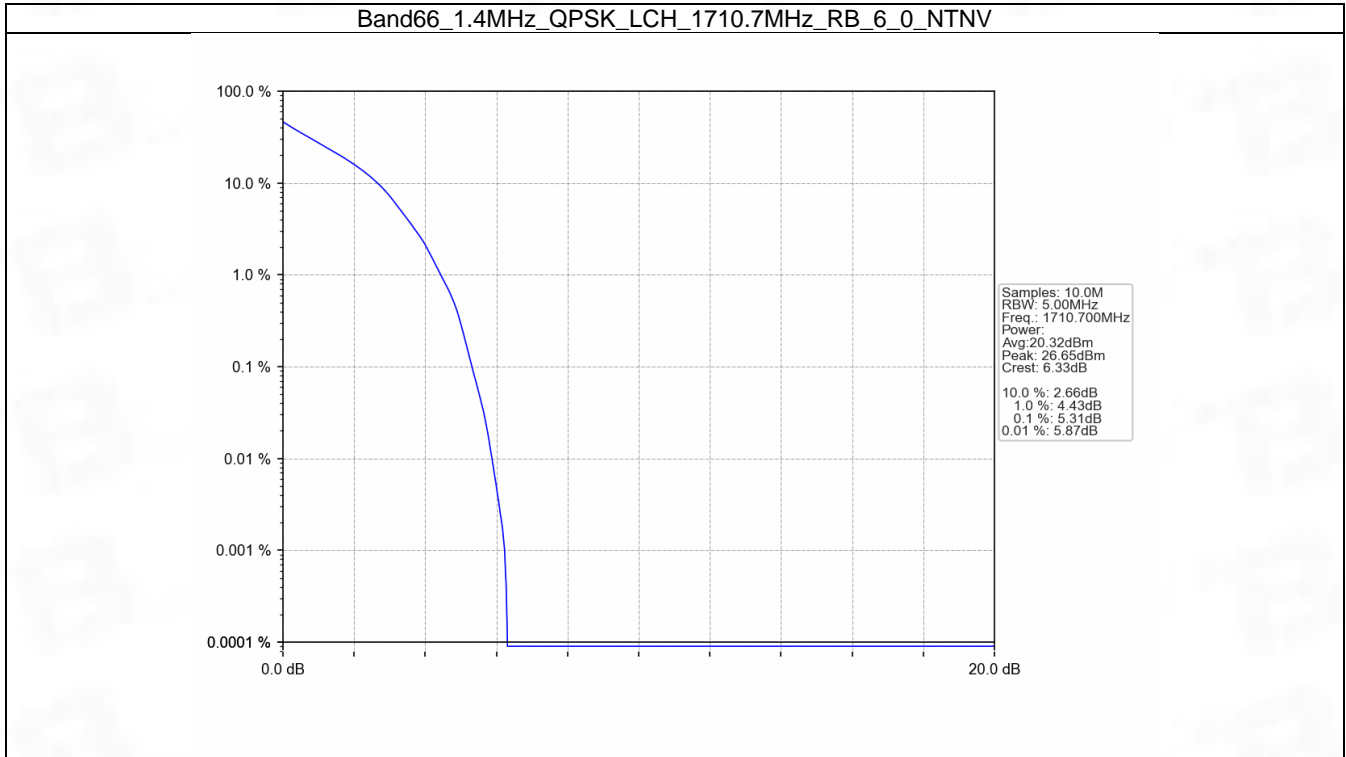
5. Peak-Average Ratio

5.1 B66_1.4MHz

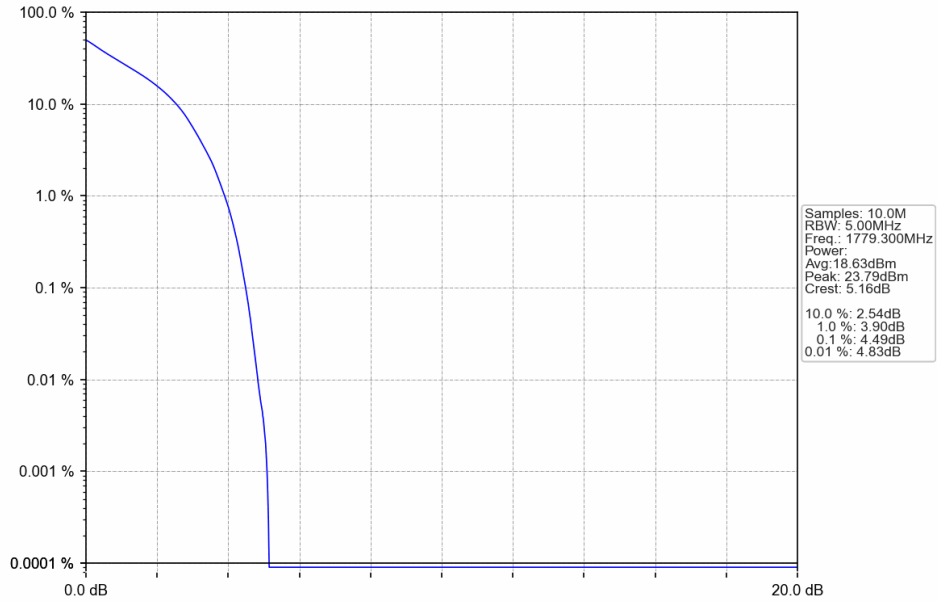
5.1.1 Test Result

Band: 66 / Bandwidth: 1.4MHz / NTN						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1710.7	6	0	5.31	<=13	Pass
	1745	6	0	5.43	<=13	Pass
	1779.3	6	0	4.49	<=13	Pass
16QAM	1710.7	6	0	6.18	<=13	Pass
	1745	6	0	6.25	<=13	Pass
	1779.3	6	0	5.33	<=13	Pass

5.1.2 Test Graph



Band66_1.4MHz_QPSK_HCH_1779.3MHz_RB_6_0_NTNV



Band66_1.4MHz_16QAM_LCH_1710.7MHz_RB_6_0_NTNV

