

1. Effective (Isotropic) Radiated Power Output Data

1.1 B66_1.4MHz_EIRP

1.1.1 Test Result

Band: 66 / Bandwidth: 1.4MHz / NTN										
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict		
		Size	Offset			Result	Limit			
QPSK	1710.7	1	0	21.98	0.68	22.66	<=30	Pass		
			2	22.10	0.68	22.78	<=30	Pass		
			5	21.99	0.68	22.67	<=30	Pass		
		3	0	21.97	0.68	22.65	<=30	Pass		
			2	22.01	0.68	22.69	<=30	Pass		
			3	21.98	0.68	22.66	<=30	Pass		
		6	0	21.02	0.68	21.70	<=30	Pass		
		1745	1	0	21.76	0.68	22.44	<=30	Pass	
				2	21.85	0.68	22.53	<=30	Pass	
	5			21.77	0.68	22.45	<=30	Pass		
	3		0	21.78	0.68	22.46	<=30	Pass		
			2	21.83	0.68	22.51	<=30	Pass		
			3	21.79	0.68	22.47	<=30	Pass		
	6		0	20.87	0.68	21.55	<=30	Pass		
	1779.3		1	0	21.34	0.68	22.02	<=30	Pass	
				2	21.45	0.68	22.13	<=30	Pass	
		5		21.33	0.68	22.01	<=30	Pass		
		3	0	21.22	0.68	21.90	<=30	Pass		
			2	21.27	0.68	21.95	<=30	Pass		
			3	21.13	0.68	21.81	<=30	Pass		
		6	0	20.28	0.68	20.96	<=30	Pass		
		16QAM	1710.7	1	0	20.89	0.68	21.57	<=30	Pass
					2	20.98	0.68	21.66	<=30	Pass
	5				20.89	0.68	21.57	<=30	Pass	
3	0			20.99	0.68	21.67	<=30	Pass		
	2			21.00	0.68	21.68	<=30	Pass		
	3			20.99	0.68	21.67	<=30	Pass		
6	0			19.87	0.68	20.55	<=30	Pass		
1745	1			0	20.85	0.68	21.53	<=30	Pass	
				2	20.94	0.68	21.62	<=30	Pass	
			5	20.85	0.68	21.53	<=30	Pass		
	3		0	20.74	0.68	21.42	<=30	Pass		
			2	20.76	0.68	21.44	<=30	Pass		
			3	20.75	0.68	21.43	<=30	Pass		
	6		0	19.80	0.68	20.48	<=30	Pass		
	1779.3		1	0	19.98	0.68	20.66	<=30	Pass	
				2	19.92	0.68	20.60	<=30	Pass	
5				19.80	0.68	20.48	<=30	Pass		
3			0	20.19	0.68	20.87	<=30	Pass		
			2	20.13	0.68	20.81	<=30	Pass		
			3	20.57	0.68	21.25	<=30	Pass		
6			0	19.39	0.68	20.07	<=30	Pass		

Note1: EIRP=Conducted Power+Antenna Gain

1.2 B66_3MHz_EIRP

1.2.1 Test Result

Band: 66 / Bandwidth: 3MHz / NTV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1711.5	1	0	22.13	0.68	22.81	<=30	Pass
			7	22.19	0.68	22.87	<=30	Pass
			14	22.11	0.68	22.79	<=30	Pass
		8	0	21.06	0.68	21.74	<=30	Pass
			4	21.08	0.68	21.76	<=30	Pass
			7	21.05	0.68	21.73	<=30	Pass
	15	0	21.02	0.68	21.70	<=30	Pass	
	1745	1	0	21.85	0.68	22.53	<=30	Pass
			7	21.97	0.68	22.65	<=30	Pass
			14	21.71	0.68	22.39	<=30	Pass
		8	0	20.80	0.68	21.48	<=30	Pass
			4	20.91	0.68	21.59	<=30	Pass
			7	20.86	0.68	21.54	<=30	Pass
	15	0	20.84	0.68	21.52	<=30	Pass	
	1778.5	1	0	21.48	0.68	22.16	<=30	Pass
			7	21.48	0.68	22.16	<=30	Pass
			14	21.05	0.68	21.73	<=30	Pass
		8	0	20.28	0.68	20.96	<=30	Pass
4			20.44	0.68	21.12	<=30	Pass	
7			20.26	0.68	20.94	<=30	Pass	
15	0	20.18	0.68	20.86	<=30	Pass		
16QAM	1711.5	1	0	20.99	0.68	21.67	<=30	Pass
			7	21.16	0.68	21.84	<=30	Pass
			14	20.99	0.68	21.67	<=30	Pass
		8	0	20.06	0.68	20.74	<=30	Pass
			4	20.08	0.68	20.76	<=30	Pass
			7	20.05	0.68	20.73	<=30	Pass
	15	0	19.95	0.68	20.63	<=30	Pass	
	1745	1	0	20.74	0.68	21.42	<=30	Pass
			7	20.59	0.68	21.27	<=30	Pass
			14	20.53	0.68	21.21	<=30	Pass
		8	0	19.65	0.68	20.33	<=30	Pass
			4	19.81	0.68	20.49	<=30	Pass
			7	19.77	0.68	20.45	<=30	Pass
	15	0	19.68	0.68	20.36	<=30	Pass	
	1778.5	1	0	20.46	0.68	21.14	<=30	Pass
			7	20.58	0.68	21.26	<=30	Pass
			14	20.37	0.68	21.05	<=30	Pass
		8	0	19.35	0.68	20.03	<=30	Pass
4			19.61	0.68	20.29	<=30	Pass	
7			19.55	0.68	20.23	<=30	Pass	
15	0	19.45	0.68	20.13	<=30	Pass		

Note1: EIRP=Conducted Power+Antenna Gain

1.3 B66_5MHz_EIRP

1.3.1 Test Result

Band: 66 / Bandwidth: 5MHz / NTV										
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict		
		Size	Offset			Result	Limit			
QPSK	1712.5	1	0	21.89	0.68	22.57	<=30	Pass		
			13	22.03	0.68	22.71	<=30	Pass		
			24	21.90	0.68	22.58	<=30	Pass		
		12	0	20.83	0.68	21.51	<=30	Pass		
			6	20.81	0.68	21.49	<=30	Pass		
			13	20.42	0.68	21.10	<=30	Pass		
		25	0	20.40	0.68	21.08	<=30	Pass		
		1745	1	0	21.57	0.68	22.25	<=30	Pass	
				13	21.26	0.68	21.94	<=30	Pass	
	24			21.15	0.68	21.83	<=30	Pass		
	12		0	20.26	0.68	20.94	<=30	Pass		
			6	20.27	0.68	20.95	<=30	Pass		
			13	20.18	0.68	20.86	<=30	Pass		
	25		0	20.21	0.68	20.89	<=30	Pass		
	1777.5		1	0	20.87	0.68	21.55	<=30	Pass	
				13	20.92	0.68	21.60	<=30	Pass	
		24		20.79	0.68	21.47	<=30	Pass		
		12	0	19.88	0.68	20.56	<=30	Pass		
			6	19.91	0.68	20.59	<=30	Pass		
			13	19.83	0.68	20.51	<=30	Pass		
		25	0	19.87	0.68	20.55	<=30	Pass		
		16QAM	1712.5	1	0	20.42	0.68	21.10	<=30	Pass
					13	20.51	0.68	21.19	<=30	Pass
	24				20.44	0.68	21.12	<=30	Pass	
12	0			19.37	0.68	20.05	<=30	Pass		
	6			19.45	0.68	20.13	<=30	Pass		
	13			19.42	0.68	20.10	<=30	Pass		
25	0			19.42	0.68	20.10	<=30	Pass		
1745	1			0	20.40	0.68	21.08	<=30	Pass	
				13	20.43	0.68	21.11	<=30	Pass	
			24	20.33	0.68	21.01	<=30	Pass		
	12		0	19.26	0.68	19.94	<=30	Pass		
			6	19.29	0.68	19.97	<=30	Pass		
			13	19.25	0.68	19.93	<=30	Pass		
	25		0	19.24	0.68	19.92	<=30	Pass		
	1777.5		1	0	19.65	0.68	20.33	<=30	Pass	
				13	19.74	0.68	20.42	<=30	Pass	
24				19.65	0.68	20.33	<=30	Pass		
12			0	18.88	0.68	19.56	<=30	Pass		
			6	18.91	0.68	19.59	<=30	Pass		
			13	18.82	0.68	19.50	<=30	Pass		
25			0	18.91	0.68	19.59	<=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	21.96	0.68	22.64	<=30	Pass		
			25	22.20	0.68	22.88	<=30	Pass		
			49	21.66	0.68	22.34	<=30	Pass		
		25	0	20.50	0.68	21.18	<=30	Pass		
			13	20.51	0.68	21.19	<=30	Pass		
			25	20.50	0.68	21.18	<=30	Pass		
		50	0	20.51	0.68	21.19	<=30	Pass		
		1745	1	0	21.24	0.68	21.92	<=30	Pass	
				25	21.45	0.68	22.13	<=30	Pass	
	49			21.16	0.68	21.84	<=30	Pass		
	25		0	20.33	0.68	21.01	<=30	Pass		
			13	20.34	0.68	21.02	<=30	Pass		
			25	20.26	0.68	20.94	<=30	Pass		
	50		0	20.28	0.68	20.96	<=30	Pass		
	1775		1	0	20.92	0.68	21.60	<=30	Pass	
				25	21.14	0.68	21.82	<=30	Pass	
		49		20.86	0.68	21.54	<=30	Pass		
		25	0	20.04	0.68	20.72	<=30	Pass		
			13	20.01	0.68	20.69	<=30	Pass		
			25	19.96	0.68	20.64	<=30	Pass		
		50	0	20.01	0.68	20.69	<=30	Pass		
		16QAM	1715	1	0	20.39	0.68	21.07	<=30	Pass
					25	20.59	0.68	21.27	<=30	Pass
	49				20.43	0.68	21.11	<=30	Pass	
25	0			19.57	0.68	20.25	<=30	Pass		
	13			19.61	0.68	20.29	<=30	Pass		
	25			19.54	0.68	20.22	<=30	Pass		
50	0			19.52	0.68	20.20	<=30	Pass		
1745	1			0	20.38	0.68	21.06	<=30	Pass	
				25	20.59	0.68	21.27	<=30	Pass	
			49	20.28	0.68	20.96	<=30	Pass		
	25		0	19.31	0.68	19.99	<=30	Pass		
			13	19.33	0.68	20.01	<=30	Pass		
			25	19.26	0.68	19.94	<=30	Pass		
	50		0	19.27	0.68	19.95	<=30	Pass		
	1775		1	0	20.41	0.68	21.09	<=30	Pass	
				25	20.62	0.68	21.30	<=30	Pass	
49				20.31	0.68	20.99	<=30	Pass		
25			0	19.05	0.68	19.73	<=30	Pass		
			13	19.03	0.68	19.71	<=30	Pass		
			25	19.04	0.68	19.72	<=30	Pass		
50			0	19.01	0.68	19.69	<=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	21.85	0.68	22.53	<=30	Pass		
			38	21.87	0.68	22.55	<=30	Pass		
			74	21.27	0.68	21.95	<=30	Pass		
		36	0	20.48	0.68	21.16	<=30	Pass		
			18	20.52	0.68	21.20	<=30	Pass		
			39	20.47	0.68	21.15	<=30	Pass		
		75	0	20.53	0.68	21.21	<=30	Pass		
		1745	1	0	21.17	0.68	21.85	<=30	Pass	
				38	21.26	0.68	21.94	<=30	Pass	
	74			21.02	0.68	21.70	<=30	Pass		
	36		0	20.33	0.68	21.01	<=30	Pass		
			18	20.34	0.68	21.02	<=30	Pass		
			39	20.22	0.68	20.90	<=30	Pass		
	75		0	20.31	0.68	20.99	<=30	Pass		
	1772.5		1	0	20.88	0.68	21.56	<=30	Pass	
				38	20.99	0.68	21.67	<=30	Pass	
		74		20.70	0.68	21.38	<=30	Pass		
		36	0	20.00	0.68	20.68	<=30	Pass		
			18	20.05	0.68	20.73	<=30	Pass		
			39	19.97	0.68	20.65	<=30	Pass		
		75	0	20.03	0.68	20.71	<=30	Pass		
		16QAM	1717.5	1	0	20.63	0.68	21.31	<=30	Pass
					38	20.80	0.68	21.48	<=30	Pass
	74				20.61	0.68	21.29	<=30	Pass	
36	0			19.43	0.68	20.11	<=30	Pass		
	18			19.50	0.68	20.18	<=30	Pass		
	39			19.49	0.68	20.17	<=30	Pass		
75	0			19.43	0.68	20.11	<=30	Pass		
1745	1			0	20.31	0.68	20.99	<=30	Pass	
				38	20.39	0.68	21.07	<=30	Pass	
			74	20.14	0.68	20.82	<=30	Pass		
	36		0	19.33	0.68	20.01	<=30	Pass		
			18	19.29	0.68	19.97	<=30	Pass		
			39	19.20	0.68	19.88	<=30	Pass		
	75		0	19.27	0.68	19.95	<=30	Pass		
	1772.5		1	0	20.34	0.68	21.02	<=30	Pass	
				38	20.47	0.68	21.15	<=30	Pass	
74				20.21	0.68	20.89	<=30	Pass		
36			0	19.08	0.68	19.76	<=30	Pass		
			18	19.07	0.68	19.75	<=30	Pass		
			39	18.98	0.68	19.66	<=30	Pass		
75			0	18.97	0.68	19.65	<=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	RB Allocation	Conducted Power	Gain	EIRP (dBm)	Verdict

	(MHz)	Size	Offset	(dBm)	(dBi)	Result	Limit			
QPSK	1720	1	0	21.61	0.68	22.29	<=30	Pass		
			50	21.66	0.68	22.34	<=30	Pass		
			99	21.08	0.68	21.76	<=30	Pass		
		50	0	20.51	0.68	21.19	<=30	Pass		
			25	20.46	0.68	21.14	<=30	Pass		
			50	20.50	0.68	21.18	<=30	Pass		
		100	0	20.45	0.68	21.13	<=30	Pass		
		1745	1	0	21.00	0.68	21.68	<=30	Pass	
				50	21.44	0.68	22.12	<=30	Pass	
	99			20.91	0.68	21.59	<=30	Pass		
	50		0	20.31	0.68	20.99	<=30	Pass		
			25	20.25	0.68	20.93	<=30	Pass		
			50	20.12	0.68	20.80	<=30	Pass		
	100		0	20.23	0.68	20.91	<=30	Pass		
	1770		1	0	20.76	0.68	21.44	<=30	Pass	
				50	21.09	0.68	21.77	<=30	Pass	
		99		20.55	0.68	21.23	<=30	Pass		
		50	0	20.04	0.68	20.72	<=30	Pass		
			25	20.00	0.68	20.68	<=30	Pass		
			50	19.87	0.68	20.55	<=30	Pass		
		100	0	19.96	0.68	20.64	<=30	Pass		
		16QAM	1720	1	0	20.60	0.68	21.28	<=30	Pass
					50	21.10	0.68	21.78	<=30	Pass
	99				20.66	0.68	21.34	<=30	Pass	
50	0			19.47	0.68	20.15	<=30	Pass		
	25			19.44	0.68	20.12	<=30	Pass		
	50			19.38	0.68	20.06	<=30	Pass		
100	0			19.45	0.68	20.13	<=30	Pass		
1745	1			0	20.22	0.68	20.90	<=30	Pass	
				50	20.49	0.68	21.17	<=30	Pass	
			99	20.03	0.68	20.71	<=30	Pass		
	50		0	19.28	0.68	19.96	<=30	Pass		
			25	19.23	0.68	19.91	<=30	Pass		
			50	19.13	0.68	19.81	<=30	Pass		
	100		0	19.14	0.68	19.82	<=30	Pass		
	1770		1	0	19.95	0.68	20.63	<=30	Pass	
				50	20.31	0.68	20.99	<=30	Pass	
99				19.85	0.68	20.53	<=30	Pass		
50			0	19.04	0.68	19.72	<=30	Pass		
			25	19.00	0.68	19.68	<=30	Pass		
			50	18.85	0.68	19.53	<=30	Pass		
100			0	18.97	0.68	19.65	<=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	11.430	0.0067	-2.5 to 2.5	Pass
					3.85	-20.814	-0.0122	-2.5 to 2.5	Pass
					4.43	-15.306	-0.0089	-2.5 to 2.5	Pass
				-30	3.85	-13.490	-0.0079	-2.5 to 2.5	Pass
				-20	3.85	-13.518	-0.0079	-2.5 to 2.5	Pass
				-10	3.85	20.685	0.0121	-2.5 to 2.5	Pass
				0	3.85	-11.187	-0.0065	-2.5 to 2.5	Pass
				10	3.85	-9.456	-0.0055	-2.5 to 2.5	Pass
				30	3.85	-6.566	-0.0038	-2.5 to 2.5	Pass
				40	3.85	-16.065	-0.0094	-2.5 to 2.5	Pass
	50	3.85	-14.663	-0.0086	-2.5 to 2.5	Pass			
	1745	6	0	20	3.27	-4.678	-0.0027	-2.5 to 2.5	Pass
					3.85	-8.268	-0.0047	-2.5 to 2.5	Pass
					4.43	-8.669	-0.0050	-2.5 to 2.5	Pass
				-30	3.85	-17.781	-0.0102	-2.5 to 2.5	Pass
				-20	3.85	-7.124	-0.0041	-2.5 to 2.5	Pass
				-10	3.85	-5.794	-0.0033	-2.5 to 2.5	Pass
				0	3.85	-5.479	-0.0031	-2.5 to 2.5	Pass
				10	3.85	-8.826	-0.0051	-2.5 to 2.5	Pass
				30	3.85	-13.275	-0.0076	-2.5 to 2.5	Pass
				40	3.85	-9.542	-0.0055	-2.5 to 2.5	Pass
	50	3.85	-6.967	-0.0040	-2.5 to 2.5	Pass			
	1779.3	6	0	20	3.27	-8.726	-0.0049	-2.5 to 2.5	Pass
					3.85	-1.116	-0.0006	-2.5 to 2.5	Pass
					4.43	-13.919	-0.0078	-2.5 to 2.5	Pass
				-30	3.85	-9.656	-0.0054	-2.5 to 2.5	Pass
				-20	3.85	-14.520	-0.0082	-2.5 to 2.5	Pass
				-10	3.85	-11.630	-0.0065	-2.5 to 2.5	Pass
				0	3.85	-11.187	-0.0063	-2.5 to 2.5	Pass
				10	3.85	1.760	0.0010	-2.5 to 2.5	Pass
30				3.85	-16.294	-0.0092	-2.5 to 2.5	Pass	
40				3.85	-11.859	-0.0067	-2.5 to 2.5	Pass	
50	3.85	0.787	0.0004	-2.5 to 2.5	Pass				
16QAM	1710.7	6	0	20	3.27	-12.116	-0.0071	-2.5 to 2.5	Pass
					3.85	-16.737	-0.0098	-2.5 to 2.5	Pass
					4.43	-11.458	-0.0067	-2.5 to 2.5	Pass
				-30	3.85	-16.952	-0.0099	-2.5 to 2.5	Pass
				-20	3.85	-17.853	-0.0104	-2.5 to 2.5	Pass
				-10	3.85	-7.796	-0.0046	-2.5 to 2.5	Pass
				0	3.85	-19.455	-0.0114	-2.5 to 2.5	Pass
				10	3.85	120.721	0.0706	-2.5 to 2.5	Pass
				30	3.85	24.590	0.0144	-2.5 to 2.5	Pass
				40	3.85	-3.519	-0.0021	-2.5 to 2.5	Pass
	50	3.85	-5.164	-0.0030	-2.5 to 2.5	Pass			
	1745	6	0	20	3.27	97.675	0.0560	-2.5 to 2.5	Pass
					3.85	7.482	0.0043	-2.5 to 2.5	Pass
					4.43	-5.407	-0.0031	-2.5 to 2.5	Pass
				-30	3.85	-9.413	-0.0054	-2.5 to 2.5	Pass
				-20	3.85	-7.668	-0.0044	-2.5 to 2.5	Pass
				-10	3.85	-0.300	-0.0002	-2.5 to 2.5	Pass
				0	3.85	0.057	0.0000	-2.5 to 2.5	Pass
				10	3.85	13.604	0.0078	-2.5 to 2.5	Pass
				30	3.85	-2.689	-0.0015	-2.5 to 2.5	Pass

	1779.3	6	0	40	3.85	-5.078	-0.0029	-2.5 to 2.5	Pass
				50	3.85	-8.454	-0.0048	-2.5 to 2.5	Pass
				20	3.27	14.076	0.0079	-2.5 to 2.5	Pass
					3.85	-0.815	-0.0005	-2.5 to 2.5	Pass
					4.43	-19.798	-0.0111	-2.5 to 2.5	Pass
				-30	3.85	-9.470	-0.0053	-2.5 to 2.5	Pass
				-20	3.85	-6.094	-0.0034	-2.5 to 2.5	Pass
				-10	3.85	-8.397	-0.0047	-2.5 to 2.5	Pass
				0	3.85	-10.185	-0.0057	-2.5 to 2.5	Pass
				10	3.85	1.717	0.0010	-2.5 to 2.5	Pass
				30	3.85	-7.882	-0.0044	-2.5 to 2.5	Pass
				40	3.85	-4.649	-0.0026	-2.5 to 2.5	Pass
				50	3.85	-6.423	-0.0036	-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	-12.302	-0.0072	-2.5 to 2.5	Pass
					3.85	-11.945	-0.0070	-2.5 to 2.5	Pass
					4.43	-8.354	-0.0049	-2.5 to 2.5	Pass
				-30	3.85	-9.112	-0.0053	-2.5 to 2.5	Pass
				-20	3.85	-8.354	-0.0049	-2.5 to 2.5	Pass
				-10	3.85	1.030	0.0006	-2.5 to 2.5	Pass
				0	3.85	3.676	0.0021	-2.5 to 2.5	Pass
				10	3.85	1.616	0.0009	-2.5 to 2.5	Pass
				30	3.85	4.177	0.0024	-2.5 to 2.5	Pass
				40	3.85	-2.761	-0.0016	-2.5 to 2.5	Pass
				50	3.85	-9.327	-0.0054	-2.5 to 2.5	Pass
				1745	15	0	20	3.27	-9.041
	3.85	-16.208	-0.0093					-2.5 to 2.5	Pass
	4.43	-8.097	-0.0046					-2.5 to 2.5	Pass
	-30	3.85	-6.022				-0.0035	-2.5 to 2.5	Pass
	-20	3.85	2.317				0.0013	-2.5 to 2.5	Pass
	-10	3.85	-2.317				-0.0013	-2.5 to 2.5	Pass
	0	3.85	-12.460				-0.0071	-2.5 to 2.5	Pass
	10	3.85	-4.063				-0.0023	-2.5 to 2.5	Pass
	30	3.85	-6.509				-0.0037	-2.5 to 2.5	Pass
	40	3.85	-2.375				-0.0014	-2.5 to 2.5	Pass
	50	3.85	-11.358				-0.0065	-2.5 to 2.5	Pass
	1778.5	15	0				20	3.27	3.419
				3.85	-7.038	-0.0040		-2.5 to 2.5	Pass
				4.43	-5.064	-0.0028		-2.5 to 2.5	Pass
				-30	3.85	-23.117	-0.0130	-2.5 to 2.5	Pass
				-20	3.85	-32.601	-0.0183	-2.5 to 2.5	Pass
				-10	3.85	-34.919	-0.0196	-2.5 to 2.5	Pass
				0	3.85	101.538	0.0571	-2.5 to 2.5	Pass
				10	3.85	5.178	0.0029	-2.5 to 2.5	Pass
30				3.85	-13.962	-0.0079	-2.5 to 2.5	Pass	

				40	3.85	-14.620	-0.0082	-2.5 to 2.5	Pass
				50	3.85	-22.516	-0.0127	-2.5 to 2.5	Pass
16QAM	1711.5	15	0	20	3.27	-9.542	-0.0056	-2.5 to 2.5	Pass
					3.85	-7.725	-0.0045	-2.5 to 2.5	Pass
					4.43	-10.157	-0.0059	-2.5 to 2.5	Pass
				-30	3.85	-8.254	-0.0048	-2.5 to 2.5	Pass
				-20	3.85	-10.700	-0.0063	-2.5 to 2.5	Pass
				-10	3.85	-5.636	-0.0033	-2.5 to 2.5	Pass
				0	3.85	-0.100	-0.0001	-2.5 to 2.5	Pass
				10	3.85	2.131	0.0012	-2.5 to 2.5	Pass
				30	3.85	1.945	0.0011	-2.5 to 2.5	Pass
				40	3.85	1.974	0.0012	-2.5 to 2.5	Pass
				50	3.85	-3.090	-0.0018	-2.5 to 2.5	Pass
				1745	15	0	20	3.27	-10.185
	3.85	3.362	0.0019					-2.5 to 2.5	Pass
	4.43	1.030	0.0006					-2.5 to 2.5	Pass
	-30	3.85	-6.351				-0.0036	-2.5 to 2.5	Pass
	-20	3.85	-3.834				-0.0022	-2.5 to 2.5	Pass
	-10	3.85	-5.379				-0.0031	-2.5 to 2.5	Pass
	0	3.85	-16.007				-0.0092	-2.5 to 2.5	Pass
	10	3.85	-4.363				-0.0025	-2.5 to 2.5	Pass
	30	3.85	13.561				0.0078	-2.5 to 2.5	Pass
	40	3.85	1.960				0.0011	-2.5 to 2.5	Pass
	50	3.85	-15.750				-0.0090	-2.5 to 2.5	Pass
	1778.5	15	0				20	3.27	-26.565
				3.85	-35.949	-0.0202		-2.5 to 2.5	Pass
				4.43	-38.109	-0.0214		-2.5 to 2.5	Pass
				-30	3.85	65.131	0.0366	-2.5 to 2.5	Pass
				-20	3.85	-5.007	-0.0028	-2.5 to 2.5	Pass
				-10	3.85	-26.093	-0.0147	-2.5 to 2.5	Pass
				0	3.85	-28.081	-0.0158	-2.5 to 2.5	Pass
				10	3.85	-24.033	-0.0135	-2.5 to 2.5	Pass
30				3.85	-23.475	-0.0132	-2.5 to 2.5	Pass	
40				3.85	-34.161	-0.0192	-2.5 to 2.5	Pass	
50				3.85	-35.105	-0.0197	-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	-7.238	-0.0042	-2.5 to 2.5	Pass
					3.85	-11.058	-0.0065	-2.5 to 2.5	Pass
					4.43	-8.011	-0.0047	-2.5 to 2.5	Pass
				-30	3.85	-4.277	-0.0025	-2.5 to 2.5	Pass
				-20	3.85	-1.259	-0.0007	-2.5 to 2.5	Pass
				-10	3.85	1.001	0.0006	-2.5 to 2.5	Pass
				0	3.85	-10.943	-0.0064	-2.5 to 2.5	Pass
				10	3.85	0.129	0.0001	-2.5 to 2.5	Pass
				30	3.85	-5.879	-0.0034	-2.5 to 2.5	Pass

	1745	25	0	40	3.85	-2.017	-0.0012	-2.5 to 2.5	Pass				
				50	3.85	-1.559	-0.0009	-2.5 to 2.5	Pass				
				20	3.27	-0.715	-0.0004	-2.5 to 2.5	Pass				
					3.85	-0.029	0.0000	-2.5 to 2.5	Pass				
					4.43	-1.631	-0.0009	-2.5 to 2.5	Pass				
				-30	3.85	0.515	0.0003	-2.5 to 2.5	Pass				
				-20	3.85	-7.038	-0.0040	-2.5 to 2.5	Pass				
				-10	3.85	2.074	0.0012	-2.5 to 2.5	Pass				
				0	3.85	2.117	0.0012	-2.5 to 2.5	Pass				
				10	3.85	-3.691	-0.0021	-2.5 to 2.5	Pass				
				30	3.85	-5.193	-0.0030	-2.5 to 2.5	Pass				
				40	3.85	1.402	0.0008	-2.5 to 2.5	Pass				
				50	3.85	-11.873	-0.0068	-2.5 to 2.5	Pass				
	1777.5	25	0	20	3.27	-1.073	-0.0006	-2.5 to 2.5	Pass				
					3.85	-5.579	-0.0031	-2.5 to 2.5	Pass				
					4.43	-3.233	-0.0018	-2.5 to 2.5	Pass				
				-30	3.85	-6.237	-0.0035	-2.5 to 2.5	Pass				
				-20	3.85	-7.854	-0.0044	-2.5 to 2.5	Pass				
				-10	3.85	-16.494	-0.0093	-2.5 to 2.5	Pass				
				0	3.85	-13.447	-0.0076	-2.5 to 2.5	Pass				
				10	3.85	-3.619	-0.0020	-2.5 to 2.5	Pass				
				30	3.85	-9.356	-0.0053	-2.5 to 2.5	Pass				
				40	3.85	-14.620	-0.0082	-2.5 to 2.5	Pass				
				50	3.85	3.734	0.0021	-2.5 to 2.5	Pass				
				16QAM	1712.5	25	0	20	3.27	-1.545	-0.0009	-2.5 to 2.5	Pass
									3.85	-2.489	-0.0015	-2.5 to 2.5	Pass
	4.43	0.458	0.0003					-2.5 to 2.5	Pass				
-30	3.85	-5.779	-0.0034					-2.5 to 2.5	Pass				
-20	3.85	-0.200	-0.0001					-2.5 to 2.5	Pass				
-10	3.85	-5.021	-0.0029					-2.5 to 2.5	Pass				
0	3.85	-2.375	-0.0014					-2.5 to 2.5	Pass				
10	3.85	-2.317	-0.0014					-2.5 to 2.5	Pass				
30	3.85	-3.033	-0.0018					-2.5 to 2.5	Pass				
40	3.85	-1.130	-0.0007					-2.5 to 2.5	Pass				
50	3.85	-0.157	-0.0001					-2.5 to 2.5	Pass				
1745	25	0	20					3.27	-5.736	-0.0033	-2.5 to 2.5	Pass	
								3.85	-2.718	-0.0016	-2.5 to 2.5	Pass	
					4.43	-1.101	-0.0006	-2.5 to 2.5	Pass				
			-30		3.85	-7.410	-0.0042	-2.5 to 2.5	Pass				
			-20		3.85	-13.990	-0.0080	-2.5 to 2.5	Pass				
			-10		3.85	-7.796	-0.0045	-2.5 to 2.5	Pass				
			0		3.85	-8.783	-0.0050	-2.5 to 2.5	Pass				
			10		3.85	-1.473	-0.0008	-2.5 to 2.5	Pass				
			30		3.85	0.086	0.0000	-2.5 to 2.5	Pass				
			40		3.85	-10.028	-0.0057	-2.5 to 2.5	Pass				
			50		3.85	-8.612	-0.0049	-2.5 to 2.5	Pass				
			1777.5		25	0	20	3.27	-2.432	-0.0014	-2.5 to 2.5	Pass	
								3.85	-4.406	-0.0025	-2.5 to 2.5	Pass	
	4.43	-5.207					-0.0029	-2.5 to 2.5	Pass				
-30	3.85	-0.458					-0.0003	-2.5 to 2.5	Pass				
-20	3.85	-6.223		-0.0035			-2.5 to 2.5	Pass					
-10	3.85	5.851		0.0033			-2.5 to 2.5	Pass					
0	3.85	-1.373		-0.0008			-2.5 to 2.5	Pass					
10	3.85	-9.656		-0.0054			-2.5 to 2.5	Pass					
30	3.85	-4.492		-0.0025			-2.5 to 2.5	Pass					

				40	3.85	-4.077	-0.0023	-2.5 to 2.5	Pass
				50	3.85	-14.577	-0.0082	-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	-12.846	-0.0075	-2.5 to 2.5	Pass
					3.85	-6.366	-0.0037	-2.5 to 2.5	Pass
					4.43	-8.655	-0.0050	-2.5 to 2.5	Pass
				-30	3.85	-3.004	-0.0018	-2.5 to 2.5	Pass
				-20	3.85	-6.852	-0.0040	-2.5 to 2.5	Pass
				-10	3.85	-7.954	-0.0046	-2.5 to 2.5	Pass
				0	3.85	-4.978	-0.0029	-2.5 to 2.5	Pass
				10	3.85	-7.281	-0.0042	-2.5 to 2.5	Pass
				30	3.85	-4.778	-0.0028	-2.5 to 2.5	Pass
				40	3.85	-10.557	-0.0062	-2.5 to 2.5	Pass
	50	3.85	-4.492	-0.0026	-2.5 to 2.5	Pass			
	1745	50	0	20	3.27	-4.721	-0.0027	-2.5 to 2.5	Pass
					3.85	-5.708	-0.0033	-2.5 to 2.5	Pass
					4.43	-3.905	-0.0022	-2.5 to 2.5	Pass
				-30	3.85	-7.811	-0.0045	-2.5 to 2.5	Pass
				-20	3.85	-0.329	-0.0002	-2.5 to 2.5	Pass
				-10	3.85	-3.691	-0.0021	-2.5 to 2.5	Pass
				0	3.85	0.873	0.0005	-2.5 to 2.5	Pass
				10	3.85	-1.731	-0.0010	-2.5 to 2.5	Pass
				30	3.85	-0.272	-0.0002	-2.5 to 2.5	Pass
				40	3.85	-6.623	-0.0038	-2.5 to 2.5	Pass
	50	3.85	-5.522	-0.0032	-2.5 to 2.5	Pass			
	1775	50	0	20	3.27	-7.010	-0.0039	-2.5 to 2.5	Pass
					3.85	-5.279	-0.0030	-2.5 to 2.5	Pass
					4.43	-3.605	-0.0020	-2.5 to 2.5	Pass
				-30	3.85	-6.080	-0.0034	-2.5 to 2.5	Pass
				-20	3.85	-1.416	-0.0008	-2.5 to 2.5	Pass
				-10	3.85	-3.705	-0.0021	-2.5 to 2.5	Pass
				0	3.85	-4.134	-0.0023	-2.5 to 2.5	Pass
				10	3.85	-8.426	-0.0047	-2.5 to 2.5	Pass
30				3.85	-6.280	-0.0035	-2.5 to 2.5	Pass	
40				3.85	-5.436	-0.0031	-2.5 to 2.5	Pass	
50	3.85	-1.588	-0.0009	-2.5 to 2.5	Pass				
16QAM	1715	50	0	20	3.27	-7.439	-0.0043	-2.5 to 2.5	Pass
					3.85	-5.779	-0.0034	-2.5 to 2.5	Pass
					4.43	-9.627	-0.0056	-2.5 to 2.5	Pass
				-30	3.85	-7.939	-0.0046	-2.5 to 2.5	Pass
				-20	3.85	-4.835	-0.0028	-2.5 to 2.5	Pass
				-10	3.85	-8.569	-0.0050	-2.5 to 2.5	Pass
				0	3.85	-6.952	-0.0041	-2.5 to 2.5	Pass
				10	3.85	-5.050	-0.0029	-2.5 to 2.5	Pass
30	3.85	-1.459	-0.0009	-2.5 to 2.5	Pass				

	1745	50	0	40	3.85	-4.020	-0.0023	-2.5 to 2.5	Pass
				50	3.85	-8.869	-0.0052	-2.5 to 2.5	Pass
				20	3.27	-2.489	-0.0014	-2.5 to 2.5	Pass
					3.85	-4.377	-0.0025	-2.5 to 2.5	Pass
					4.43	0.401	0.0002	-2.5 to 2.5	Pass
				-30	3.85	-2.232	-0.0013	-2.5 to 2.5	Pass
				-20	3.85	-2.947	-0.0017	-2.5 to 2.5	Pass
				-10	3.85	-1.144	-0.0007	-2.5 to 2.5	Pass
				0	3.85	-3.648	-0.0021	-2.5 to 2.5	Pass
				10	3.85	-1.316	-0.0008	-2.5 to 2.5	Pass
				30	3.85	0.401	0.0002	-2.5 to 2.5	Pass
				40	3.85	-0.257	-0.0001	-2.5 to 2.5	Pass
	50	3.85	-8.554	-0.0049	-2.5 to 2.5	Pass			
	1775	50	0	20	3.27	-4.449	-0.0025	-2.5 to 2.5	Pass
					3.85	-7.582	-0.0043	-2.5 to 2.5	Pass
					4.43	-5.064	-0.0029	-2.5 to 2.5	Pass
				-30	3.85	0.973	0.0005	-2.5 to 2.5	Pass
				-20	3.85	-8.268	-0.0047	-2.5 to 2.5	Pass
				-10	3.85	-7.224	-0.0041	-2.5 to 2.5	Pass
				0	3.85	-0.887	-0.0005	-2.5 to 2.5	Pass
				10	3.85	1.402	0.0008	-2.5 to 2.5	Pass
				30	3.85	-6.666	-0.0038	-2.5 to 2.5	Pass
				40	3.85	-1.674	-0.0009	-2.5 to 2.5	Pass
				50	3.85	-4.420	-0.0025	-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	-8.268	-0.0048	-2.5 to 2.5	Pass
					3.85	-6.766	-0.0039	-2.5 to 2.5	Pass
					4.43	-3.018	-0.0018	-2.5 to 2.5	Pass
				-30	3.85	-10.843	-0.0063	-2.5 to 2.5	Pass
				-20	3.85	-4.263	-0.0025	-2.5 to 2.5	Pass
				-10	3.85	-7.710	-0.0045	-2.5 to 2.5	Pass
				0	3.85	-6.065	-0.0035	-2.5 to 2.5	Pass
				10	3.85	-8.268	-0.0048	-2.5 to 2.5	Pass
				30	3.85	-2.875	-0.0017	-2.5 to 2.5	Pass
				40	3.85	-7.424	-0.0043	-2.5 to 2.5	Pass
				50	3.85	-10.786	-0.0063	-2.5 to 2.5	Pass
				1745	75	0	20	3.27	-9.313
	3.85	-7.267	-0.0042					-2.5 to 2.5	Pass
	4.43	-4.935	-0.0028					-2.5 to 2.5	Pass
	-30	3.85	-5.493				-0.0031	-2.5 to 2.5	Pass
	-20	3.85	-7.339				-0.0042	-2.5 to 2.5	Pass
	-10	3.85	-2.160				-0.0012	-2.5 to 2.5	Pass
	0	3.85	-9.685				-0.0056	-2.5 to 2.5	Pass
	10	3.85	-8.597				-0.0049	-2.5 to 2.5	Pass
	30	3.85	-10.457				-0.0060	-2.5 to 2.5	Pass

	1772.5	75	0	40	3.85	-8.097	-0.0046	-2.5 to 2.5	Pass			
				50	3.85	-12.603	-0.0072	-2.5 to 2.5	Pass			
				20	3.27	-2.747	-0.0015	-2.5 to 2.5	Pass			
					3.85	-2.174	-0.0012	-2.5 to 2.5	Pass			
					4.43	-1.688	-0.0010	-2.5 to 2.5	Pass			
				-30	3.85	-4.606	-0.0026	-2.5 to 2.5	Pass			
				-20	3.85	-9.398	-0.0053	-2.5 to 2.5	Pass			
				-10	3.85	-7.081	-0.0040	-2.5 to 2.5	Pass			
				0	3.85	-4.091	-0.0023	-2.5 to 2.5	Pass			
				10	3.85	-5.622	-0.0032	-2.5 to 2.5	Pass			
				30	3.85	-0.544	-0.0003	-2.5 to 2.5	Pass			
				40	3.85	-5.965	-0.0034	-2.5 to 2.5	Pass			
				50	3.85	-5.007	-0.0028	-2.5 to 2.5	Pass			
				16QAM	1717.5	75	0	20	3.27	-11.301	-0.0066	-2.5 to 2.5
3.85	-3.433	-0.0020	-2.5 to 2.5						Pass			
	4.43	-7.396	-0.0043					-2.5 to 2.5	Pass			
-30	3.85	-10.500	-0.0061					-2.5 to 2.5	Pass			
-20	3.85	-5.393	-0.0031					-2.5 to 2.5	Pass			
-10	3.85	-6.781	-0.0039					-2.5 to 2.5	Pass			
0	3.85	-7.596	-0.0044					-2.5 to 2.5	Pass			
10	3.85	-8.984	-0.0052					-2.5 to 2.5	Pass			
30	3.85	-7.310	-0.0043					-2.5 to 2.5	Pass			
40	3.85	-7.253	-0.0042					-2.5 to 2.5	Pass			
50	3.85	-9.184	-0.0053					-2.5 to 2.5	Pass			
1745	75	0	20					3.27	-8.855	-0.0051	-2.5 to 2.5	Pass
								3.85	-5.507	-0.0032	-2.5 to 2.5	Pass
								4.43	-4.764	-0.0027	-2.5 to 2.5	Pass
			-30		3.85	-1.574	-0.0009	-2.5 to 2.5	Pass			
			-20		3.85	-3.319	-0.0019	-2.5 to 2.5	Pass			
			-10		3.85	-8.683	-0.0050	-2.5 to 2.5	Pass			
			0		3.85	-6.380	-0.0037	-2.5 to 2.5	Pass			
			10		3.85	-4.520	-0.0026	-2.5 to 2.5	Pass			
			30		3.85	-5.064	-0.0029	-2.5 to 2.5	Pass			
			40		3.85	-8.268	-0.0047	-2.5 to 2.5	Pass			
			50		3.85	-2.704	-0.0015	-2.5 to 2.5	Pass			
			1772.5		75	0	20	3.27	-7.353	-0.0041	-2.5 to 2.5	Pass
								3.85	-3.991	-0.0023	-2.5 to 2.5	Pass
								4.43	-4.148	-0.0023	-2.5 to 2.5	Pass
-30	3.85	-3.977					-0.0022	-2.5 to 2.5	Pass			
-20	3.85	-3.963					-0.0022	-2.5 to 2.5	Pass			
-10	3.85	-4.950					-0.0028	-2.5 to 2.5	Pass			
0	3.85	-3.405		-0.0019			-2.5 to 2.5	Pass				
10	3.85	-1.402		-0.0008			-2.5 to 2.5	Pass				
30	3.85	-6.394		-0.0036			-2.5 to 2.5	Pass				
40	3.85	-5.107		-0.0029			-2.5 to 2.5	Pass				
50	3.85	-3.991	-0.0023	-2.5 to 2.5	Pass							

2.6 B66_20MHz

2.6.1 Test Result

Band: 66 / Bandwidth: 20MHz

Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1720	100	0	20	3.27	-7.153	-0.0042	-2.5 to 2.5	Pass
					3.85	-3.147	-0.0018	-2.5 to 2.5	Pass
					4.43	-1.159	-0.0007	-2.5 to 2.5	Pass
				-30	3.85	1.931	0.0011	-2.5 to 2.5	Pass
				-20	3.85	-0.787	-0.0005	-2.5 to 2.5	Pass
				-10	3.85	-1.402	-0.0008	-2.5 to 2.5	Pass
				0	3.85	-7.324	-0.0043	-2.5 to 2.5	Pass
				10	3.85	-2.604	-0.0015	-2.5 to 2.5	Pass
				30	3.85	-1.945	-0.0011	-2.5 to 2.5	Pass
				40	3.85	0.129	0.0001	-2.5 to 2.5	Pass
	50	3.85	-3.090	-0.0018	-2.5 to 2.5	Pass			
	1745	100	0	20	3.27	-2.732	-0.0016	-2.5 to 2.5	Pass
					3.85	-3.777	-0.0022	-2.5 to 2.5	Pass
					4.43	-6.266	-0.0036	-2.5 to 2.5	Pass
				-30	3.85	-8.097	-0.0046	-2.5 to 2.5	Pass
				-20	3.85	-4.220	-0.0024	-2.5 to 2.5	Pass
				-10	3.85	-4.406	-0.0025	-2.5 to 2.5	Pass
				0	3.85	-4.606	-0.0026	-2.5 to 2.5	Pass
				10	3.85	-4.535	-0.0026	-2.5 to 2.5	Pass
				30	3.85	-2.232	-0.0013	-2.5 to 2.5	Pass
				40	3.85	-2.389	-0.0014	-2.5 to 2.5	Pass
	50	3.85	-0.815	-0.0005	-2.5 to 2.5	Pass			
	1770	100	0	20	3.27	-0.644	-0.0004	-2.5 to 2.5	Pass
					3.85	0.014	0.0000	-2.5 to 2.5	Pass
					4.43	-1.788	-0.0010	-2.5 to 2.5	Pass
				-30	3.85	-7.725	-0.0044	-2.5 to 2.5	Pass
				-20	3.85	-2.789	-0.0016	-2.5 to 2.5	Pass
				-10	3.85	-1.359	-0.0008	-2.5 to 2.5	Pass
				0	3.85	-5.536	-0.0031	-2.5 to 2.5	Pass
				10	3.85	-4.177	-0.0024	-2.5 to 2.5	Pass
30				3.85	-5.207	-0.0029	-2.5 to 2.5	Pass	
40				3.85	1.459	0.0008	-2.5 to 2.5	Pass	
50	3.85	-2.332	-0.0013	-2.5 to 2.5	Pass				
16QAM	1720	100	0	20	3.27	-4.592	-0.0027	-2.5 to 2.5	Pass
					3.85	-3.633	-0.0021	-2.5 to 2.5	Pass
					4.43	-6.595	-0.0038	-2.5 to 2.5	Pass
				-30	3.85	-4.721	-0.0027	-2.5 to 2.5	Pass
				-20	3.85	-6.552	-0.0038	-2.5 to 2.5	Pass
				-10	3.85	-8.311	-0.0048	-2.5 to 2.5	Pass
				0	3.85	-3.076	-0.0018	-2.5 to 2.5	Pass
				10	3.85	-1.073	-0.0006	-2.5 to 2.5	Pass
				30	3.85	-4.163	-0.0024	-2.5 to 2.5	Pass
	40	3.85	-3.734	-0.0022	-2.5 to 2.5	Pass			
	50	3.85	-5.593	-0.0033	-2.5 to 2.5	Pass			
	1745	100	0	20	3.27	-7.868	-0.0045	-2.5 to 2.5	Pass
					3.85	-1.173	-0.0007	-2.5 to 2.5	Pass
					4.43	-4.578	-0.0026	-2.5 to 2.5	Pass
				-30	3.85	-1.631	-0.0009	-2.5 to 2.5	Pass
				-20	3.85	-3.190	-0.0018	-2.5 to 2.5	Pass
				-10	3.85	-0.730	-0.0004	-2.5 to 2.5	Pass
				0	3.85	-3.862	-0.0022	-2.5 to 2.5	Pass
10				3.85	-3.848	-0.0022	-2.5 to 2.5	Pass	
30				3.85	-2.604	-0.0015	-2.5 to 2.5	Pass	

	1770	100	0	40	3.85	-0.887	-0.0005	-2.5 to 2.5	Pass
				50	3.85	-2.418	-0.0014	-2.5 to 2.5	Pass
				20	3.27	-1.588	-0.0009	-2.5 to 2.5	Pass
					3.85	-3.405	-0.0019	-2.5 to 2.5	Pass
					4.43	-0.229	-0.0001	-2.5 to 2.5	Pass
				-30	3.85	-2.389	-0.0013	-2.5 to 2.5	Pass
				-20	3.85	-5.493	-0.0031	-2.5 to 2.5	Pass
				-10	3.85	-2.060	-0.0012	-2.5 to 2.5	Pass
				0	3.85	-1.602	-0.0009	-2.5 to 2.5	Pass
				10	3.85	-9.127	-0.0052	-2.5 to 2.5	Pass
				30	3.85	-2.375	-0.0013	-2.5 to 2.5	Pass
				40	3.85	-4.363	-0.0025	-2.5 to 2.5	Pass
				50	3.85	-3.119	-0.0018	-2.5 to 2.5	Pass

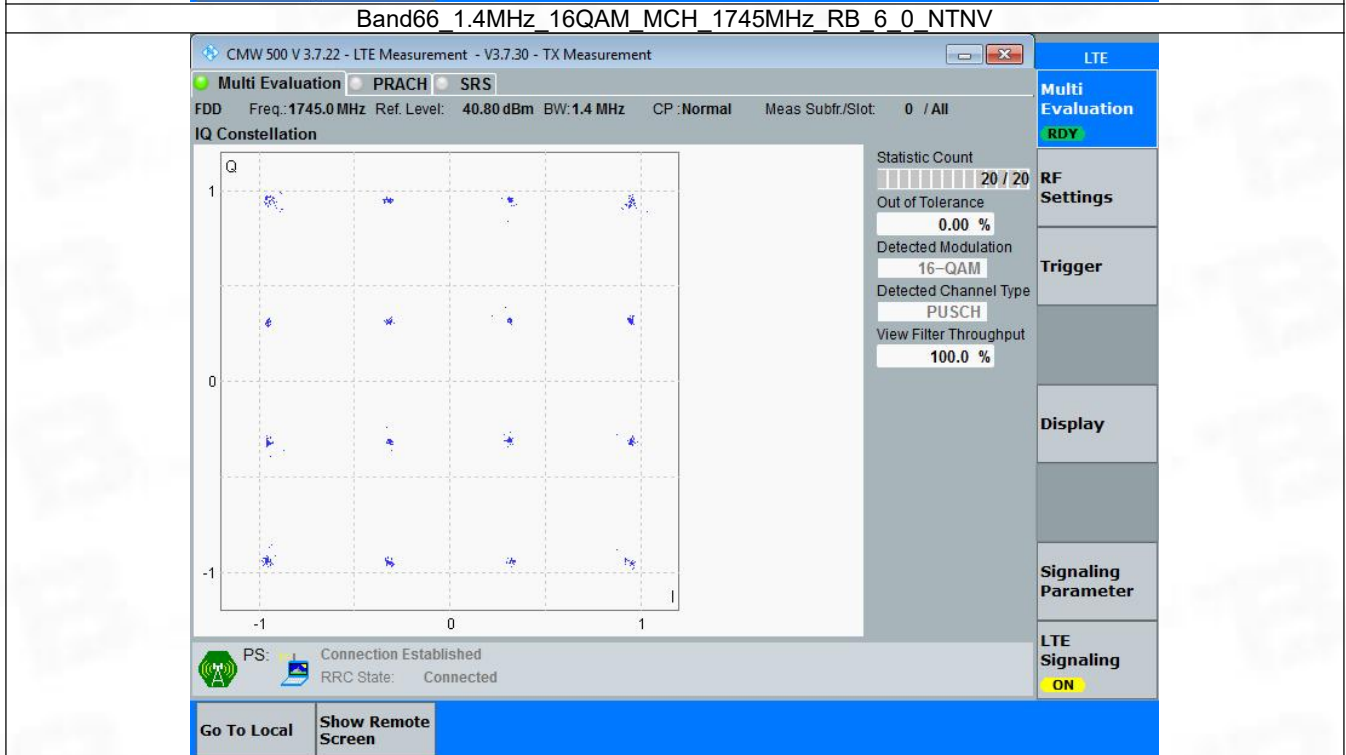
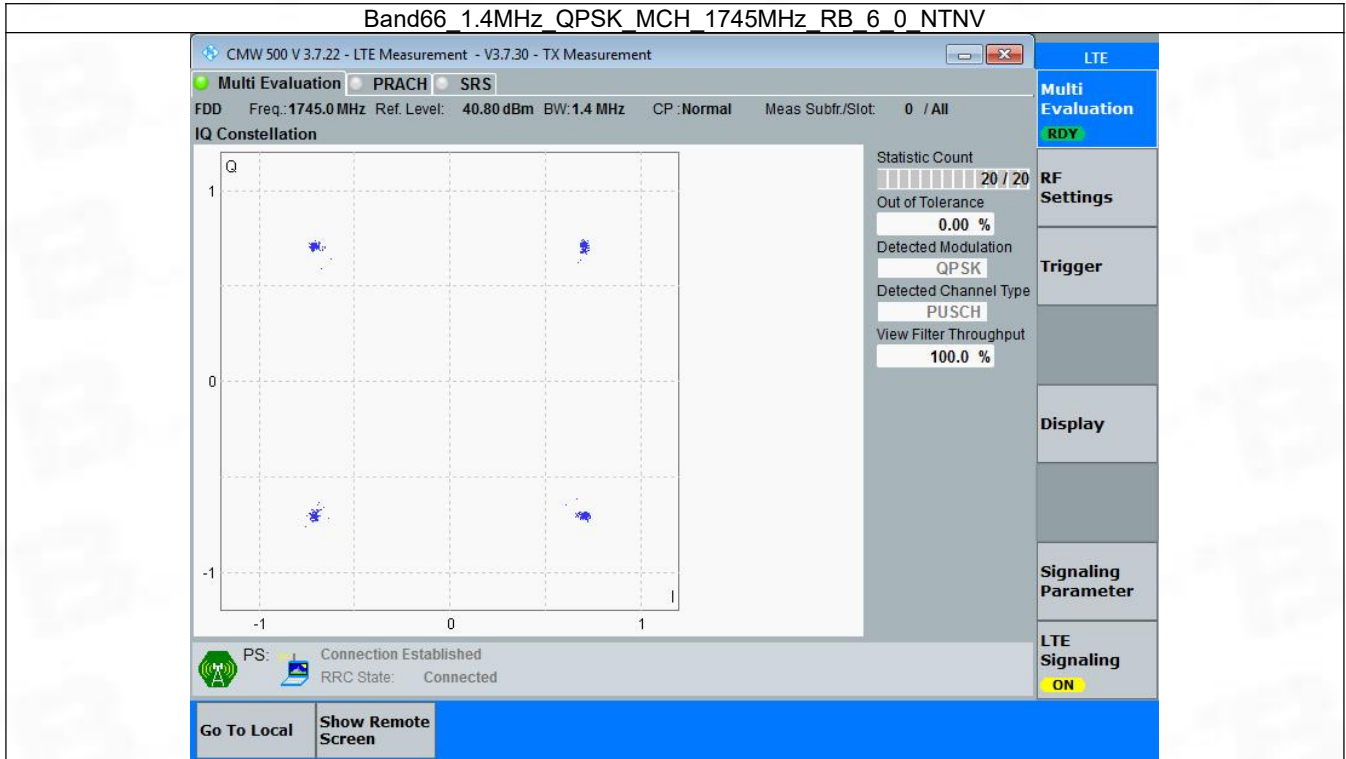
3. Modulation Characteristics

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

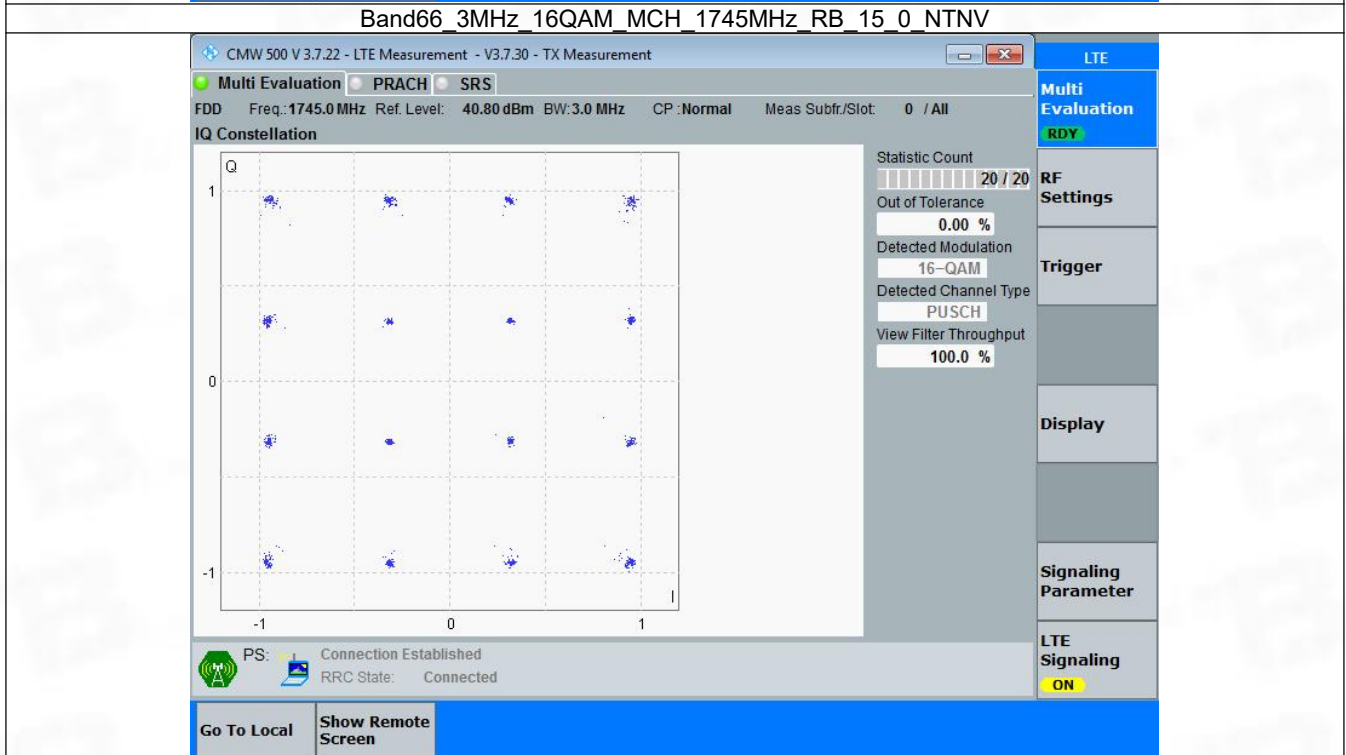
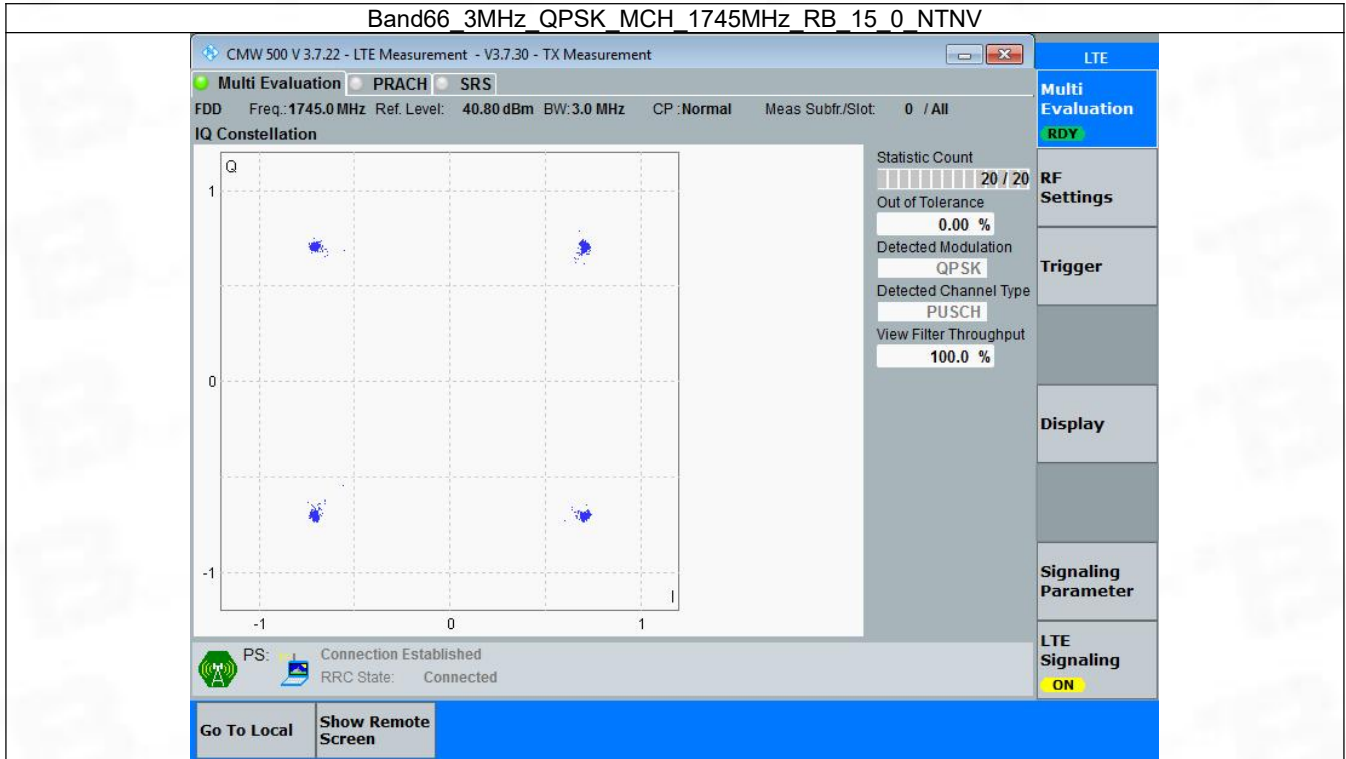


3.2 B66_3MHz

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

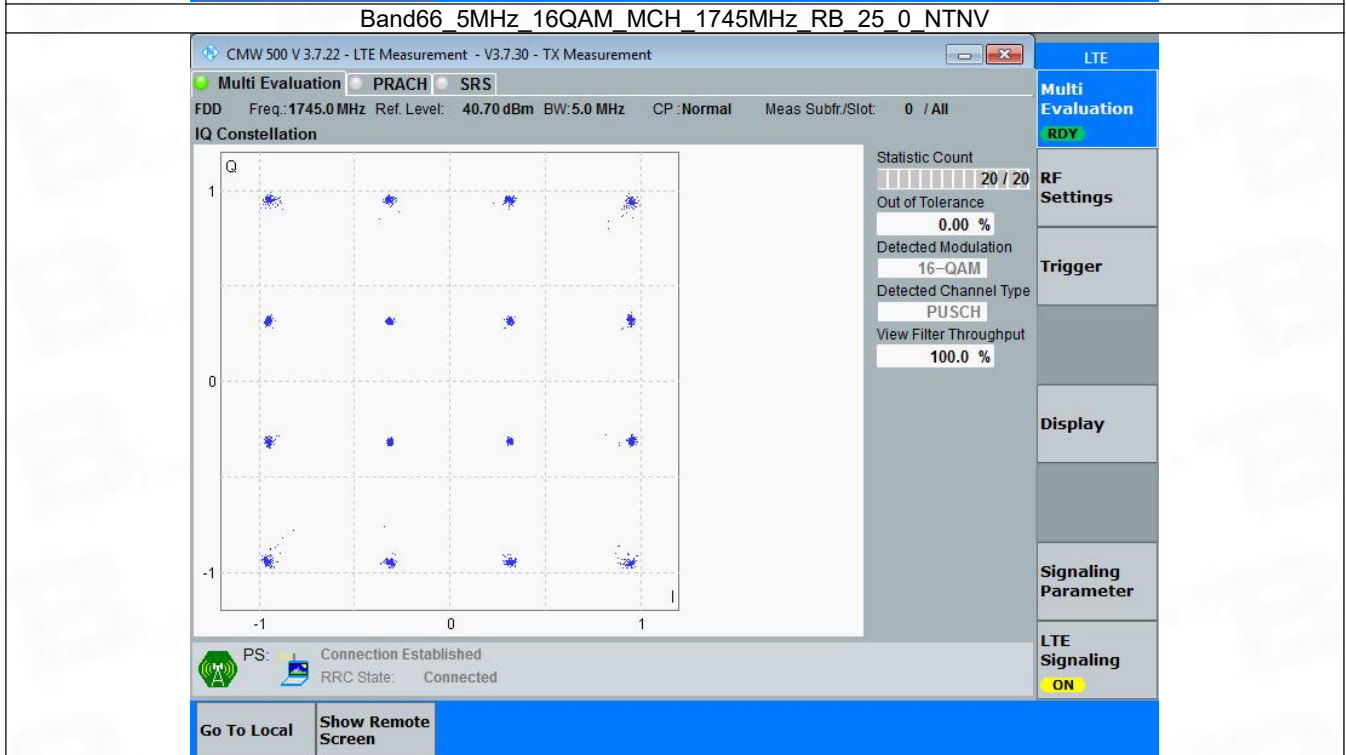
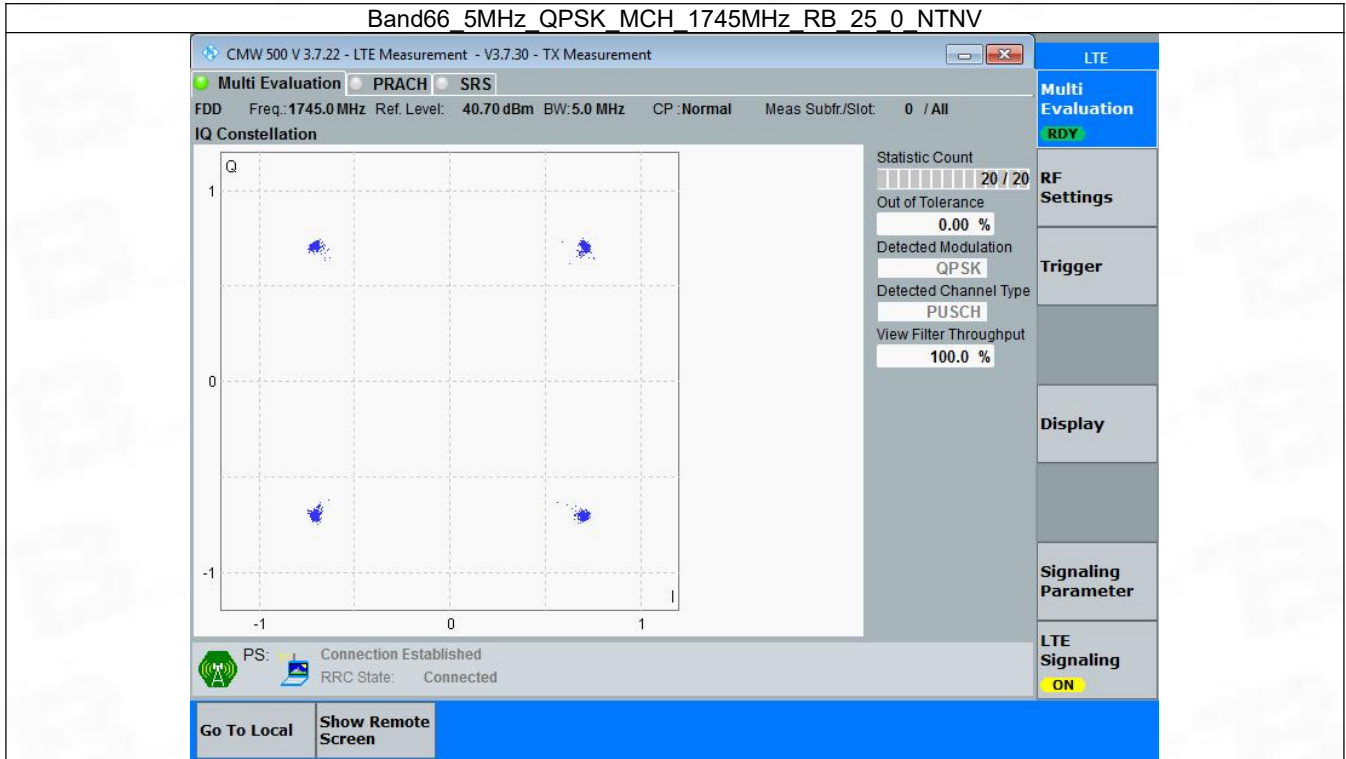


3.3 B66_5MHz

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

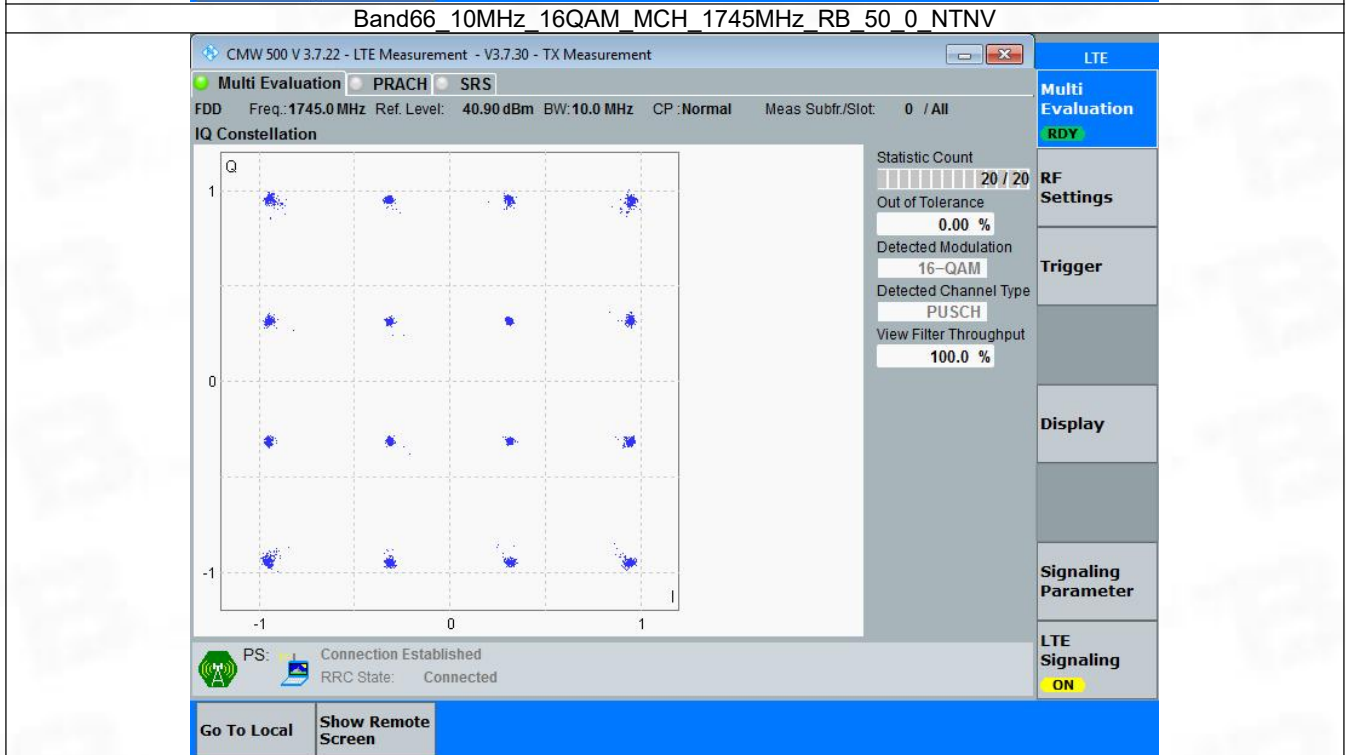
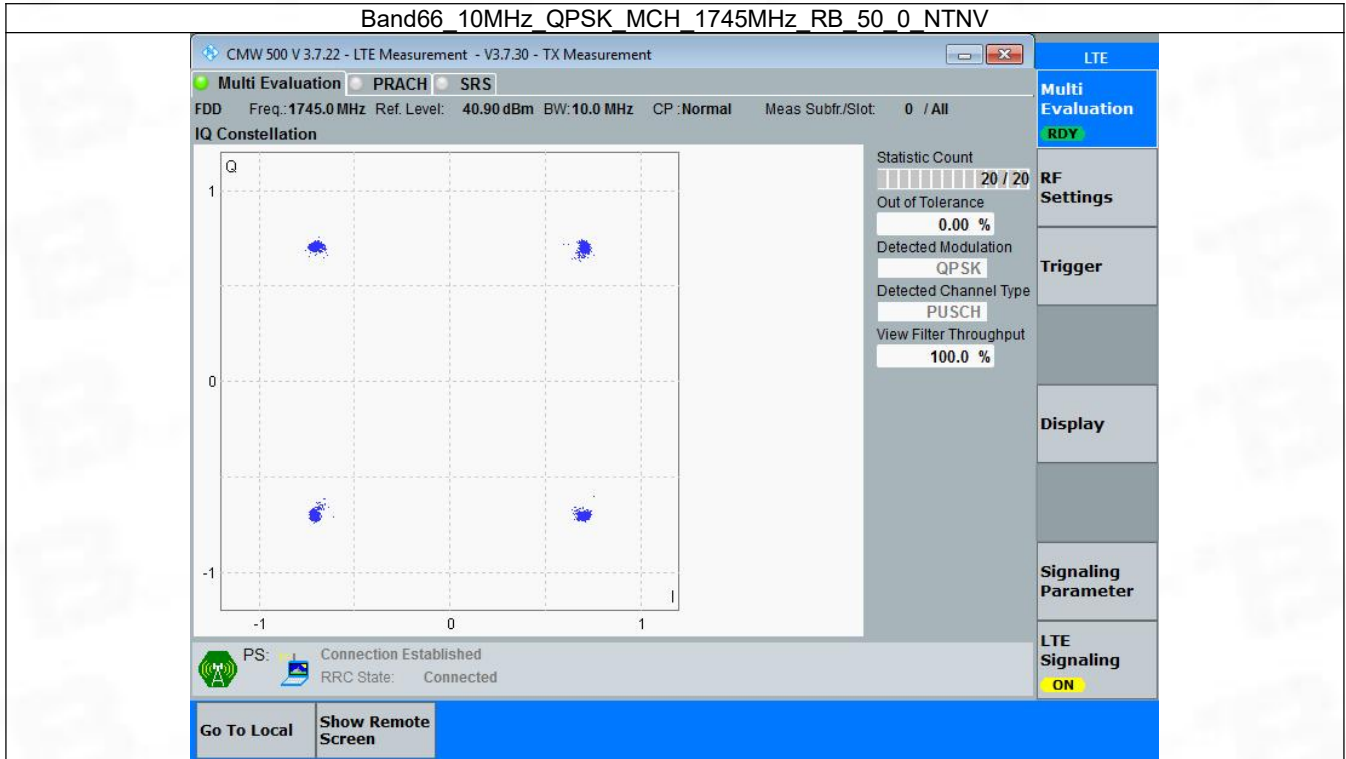


3.4 B66_10MHz

3.4.1 Test Result

Band: 66 / Bandwidth: 10MHz / NTN						
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

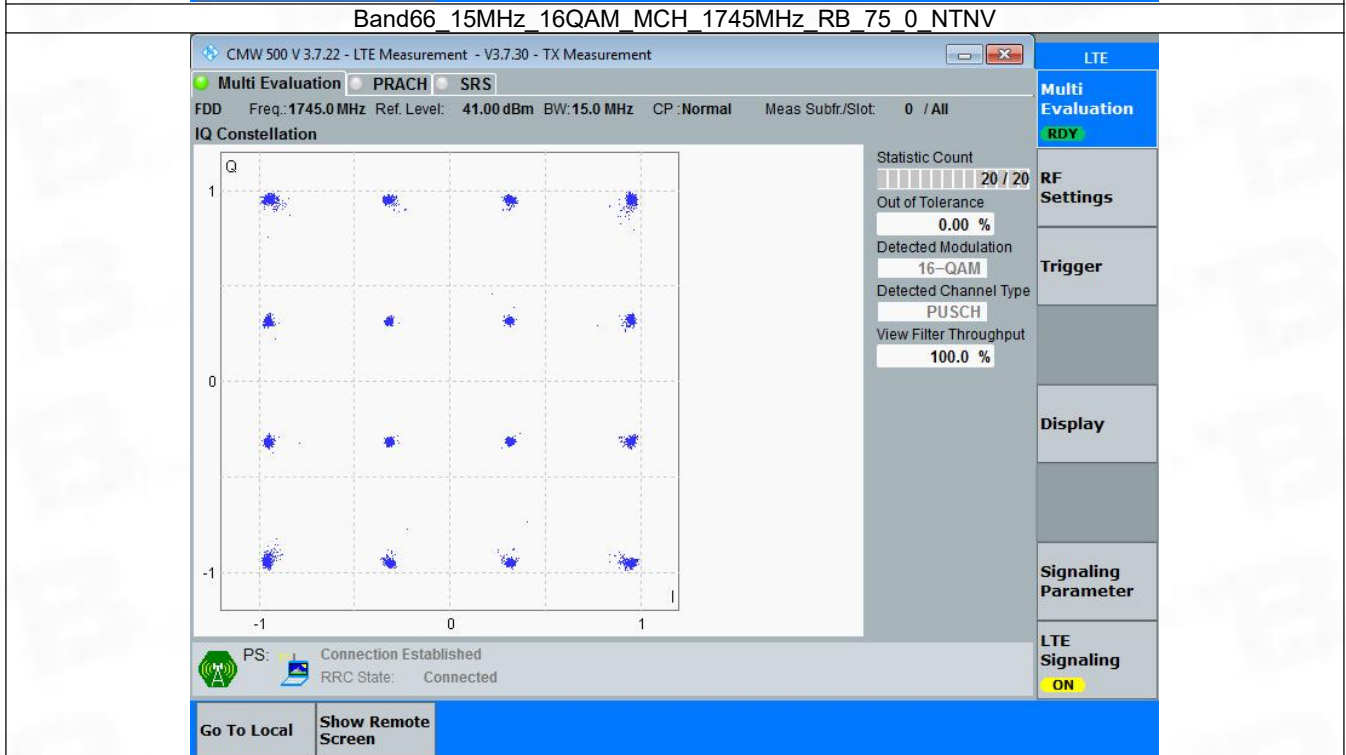
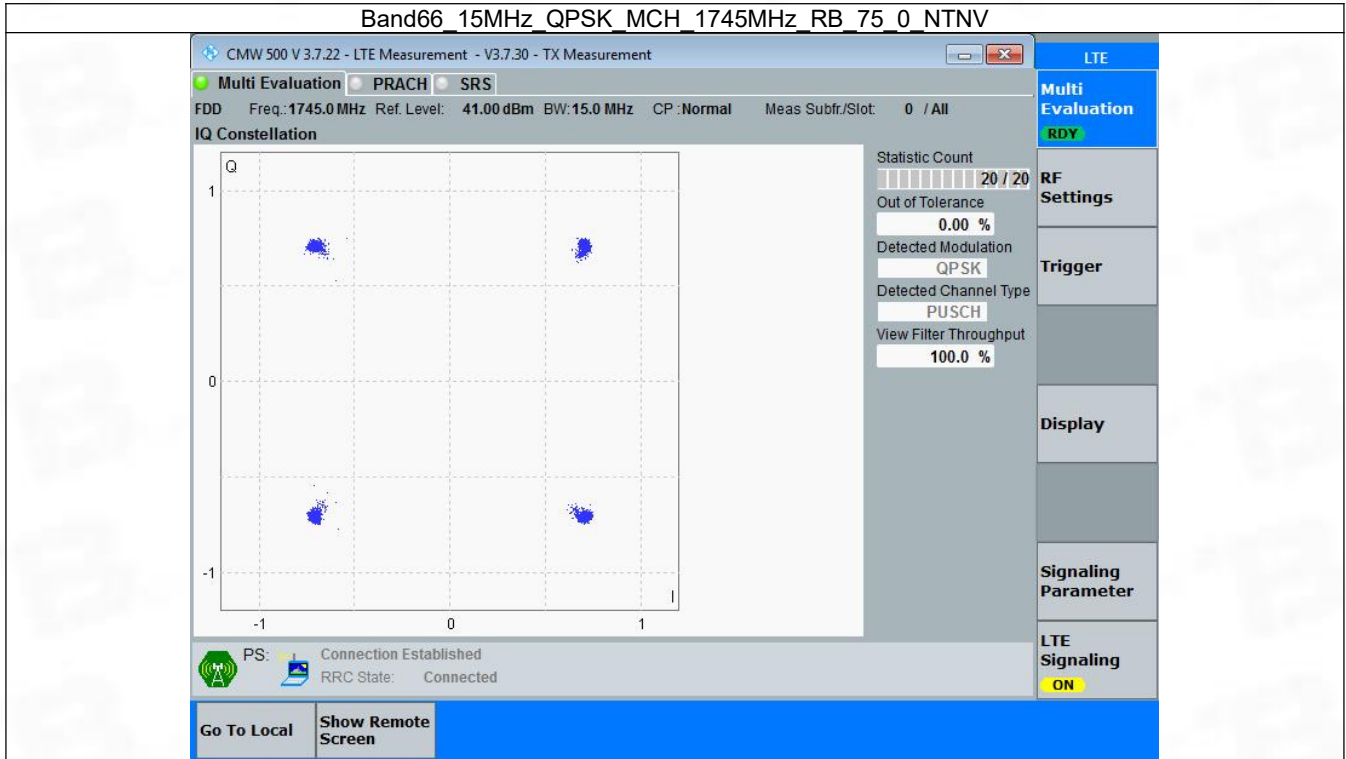


3.5 B66_15MHz

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

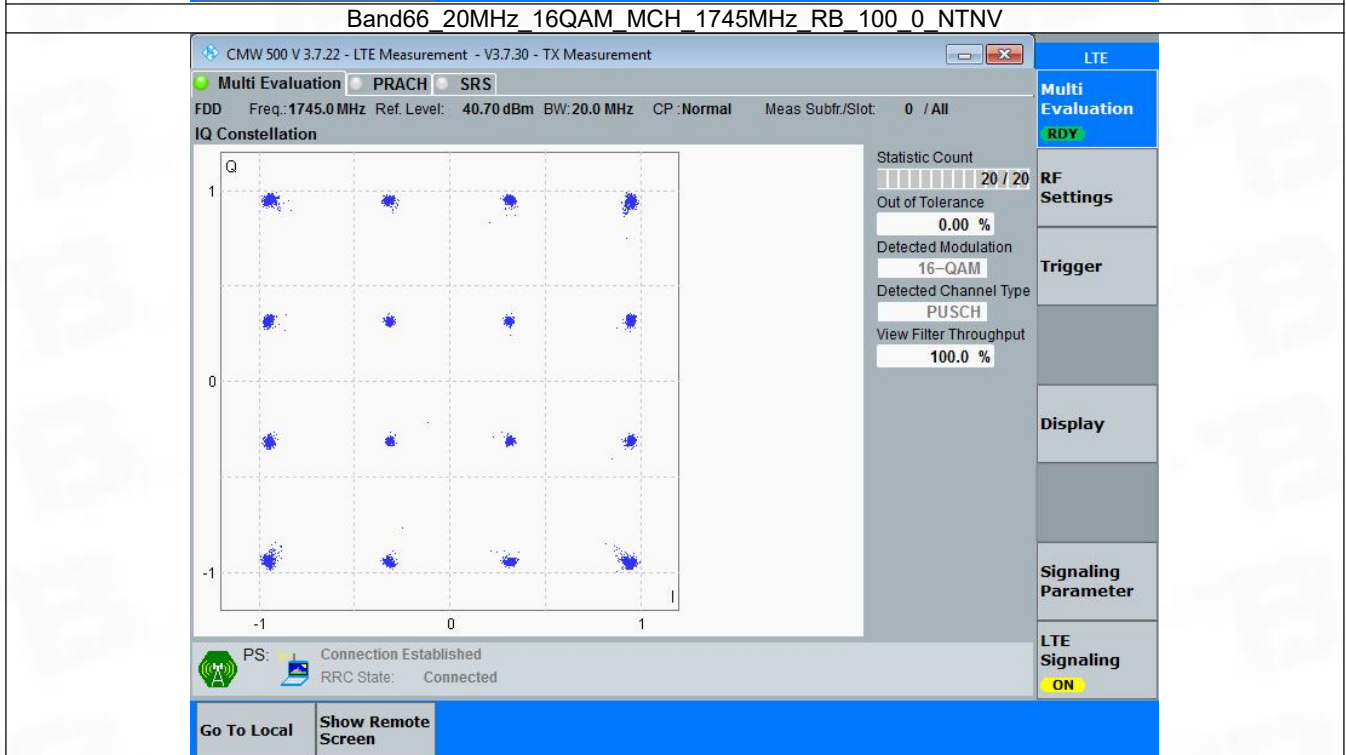
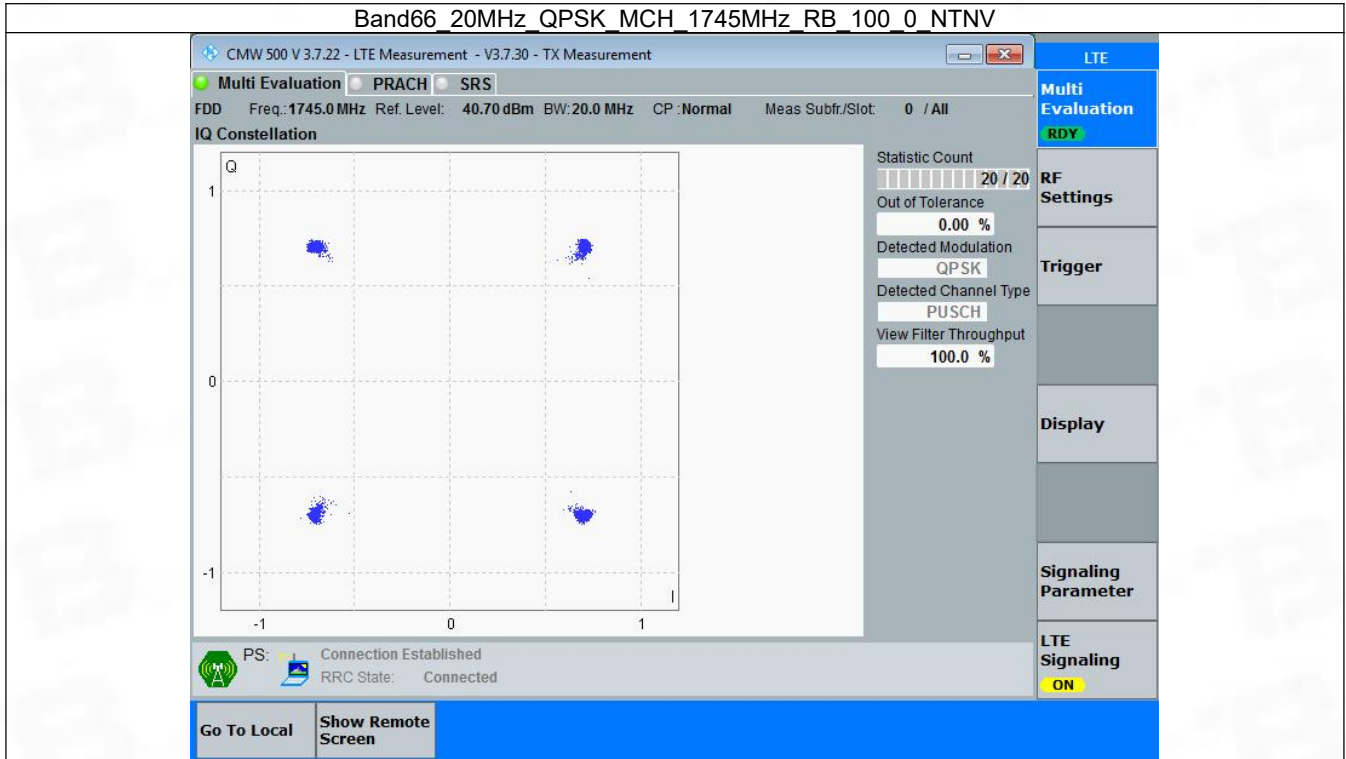


3.6 B66_20MHz

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



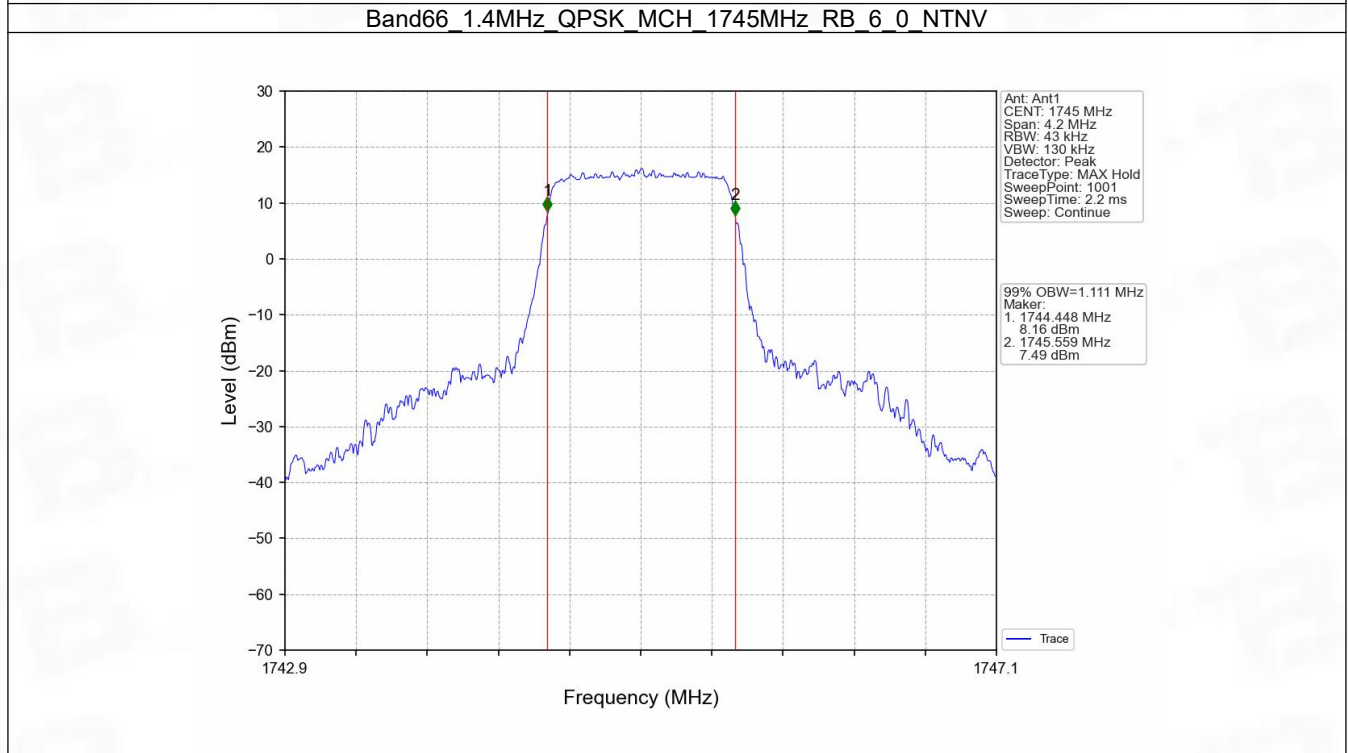
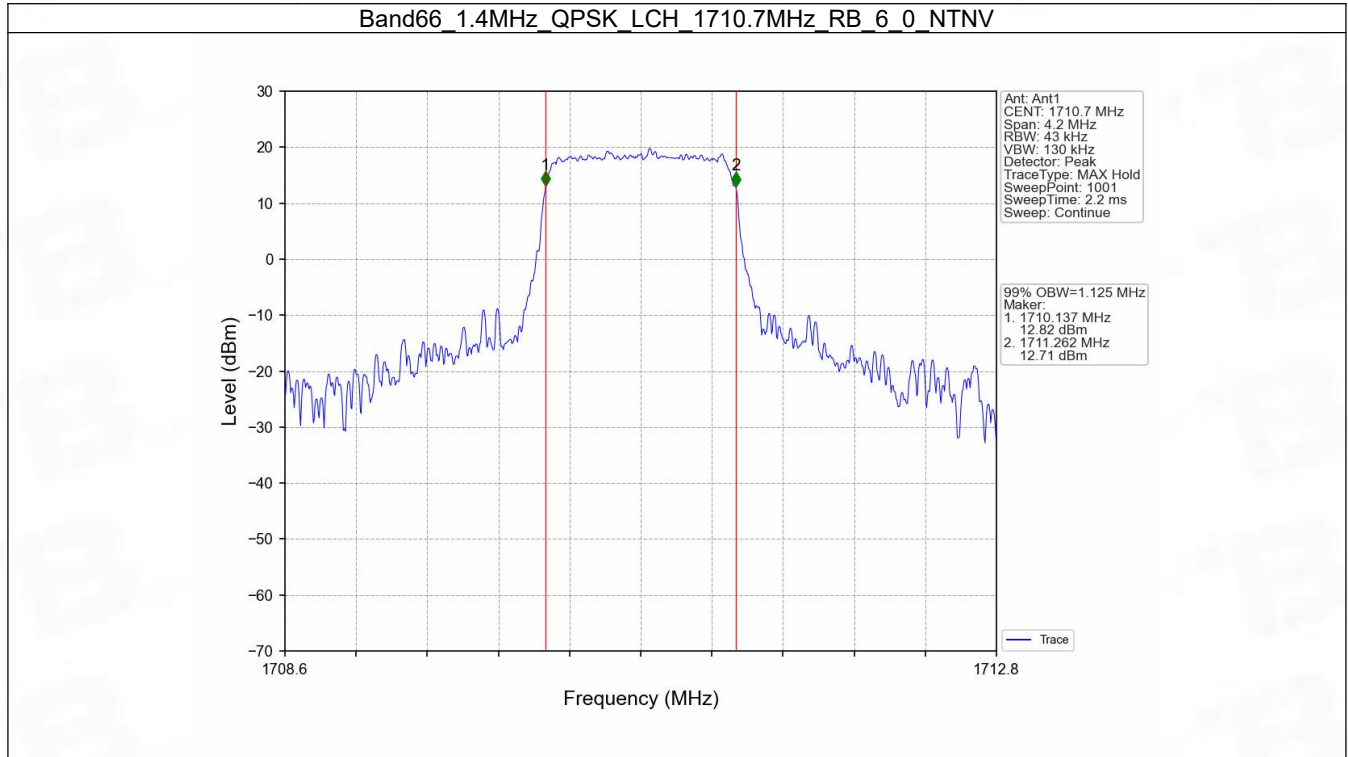
4. 99% & 26dB Bandwidth

4.1 Band66_OBW

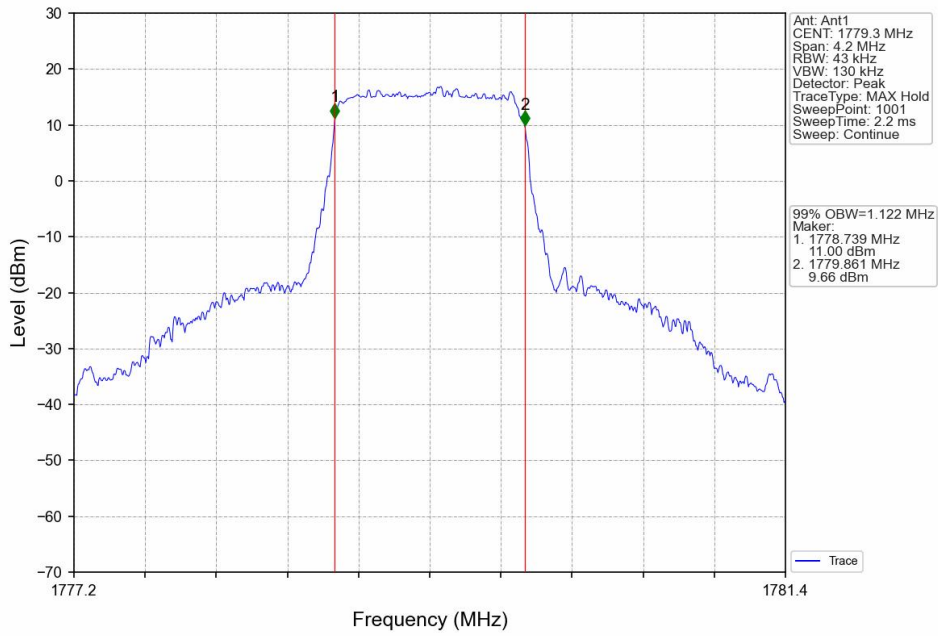
4.1.1 Test Result

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	1.125	Pass
		1745	6	0	1.111	Pass
		1779.3	6	0	1.122	Pass
	16QAM	1710.7	6	0	1.108	Pass
		1745	6	0	1.106	Pass
		1779.3	6	0	1.106	Pass
3	QPSK	1711.5	15	0	2.733	Pass
		1745	15	0	2.726	Pass
		1778.5	15	0	2.729	Pass
	16QAM	1711.5	15	0	2.719	Pass
		1745	15	0	2.727	Pass
		1778.5	15	0	2.725	Pass
5	QPSK	1712.5	25	0	4.571	Pass
		1745	25	0	4.564	Pass
		1777.5	25	0	4.578	Pass
	16QAM	1712.5	25	0	4.602	Pass
		1745	25	0	4.576	Pass
		1777.5	25	0	4.552	Pass
10	QPSK	1715	50	0	9.088	Pass
		1745	50	0	9.064	Pass
		1775	50	0	9.089	Pass
	16QAM	1715	50	0	9.059	Pass
		1745	50	0	9.071	Pass
		1775	50	0	9.092	Pass
15	QPSK	1717.5	75	0	13.585	Pass
		1745	75	0	13.589	Pass
		1772.5	75	0	13.616	Pass
	16QAM	1717.5	75	0	13.596	Pass
		1745	75	0	13.604	Pass
		1772.5	75	0	13.591	Pass
20	QPSK	1720	100	0	18.080	Pass
		1745	100	0	18.165	Pass
		1770	100	0	18.090	Pass
	16QAM	1720	100	0	18.025	Pass
		1745	100	0	18.116	Pass
		1770	100	0	18.203	Pass

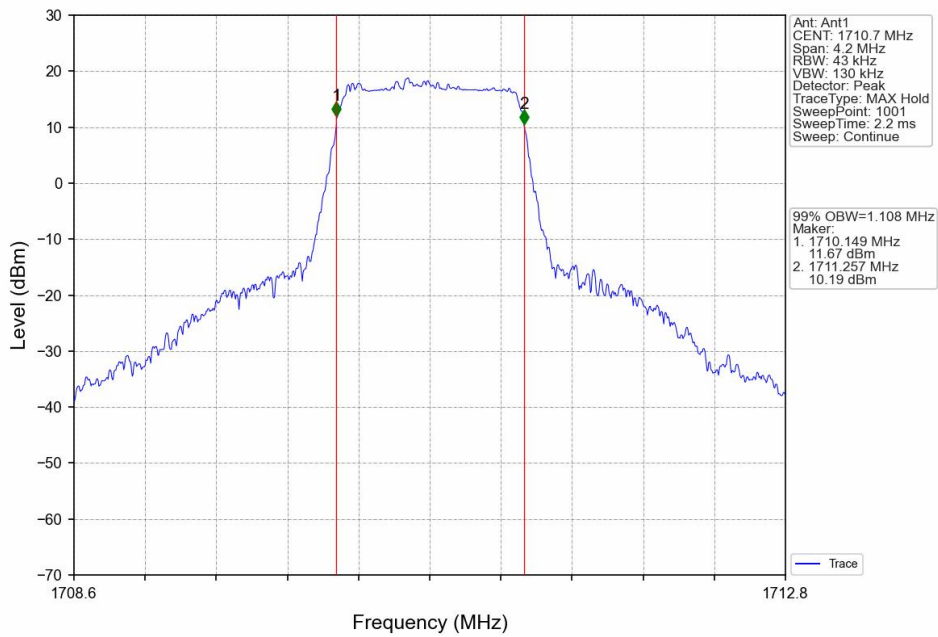
4.1.2 Test Graph



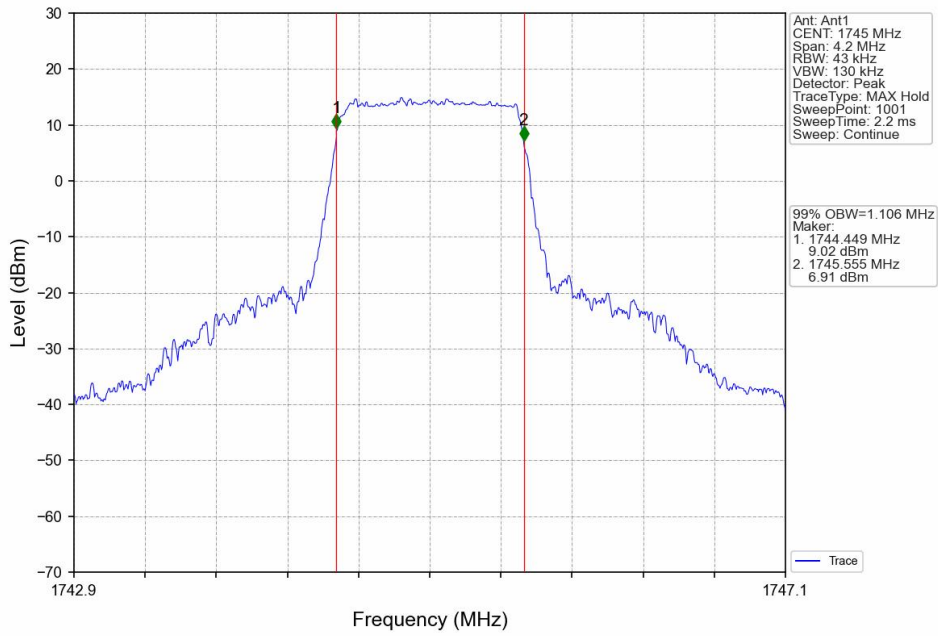
Band66_1.4MHz_QPSK_HCH_1779.3MHz_RB_6_0_NTNV



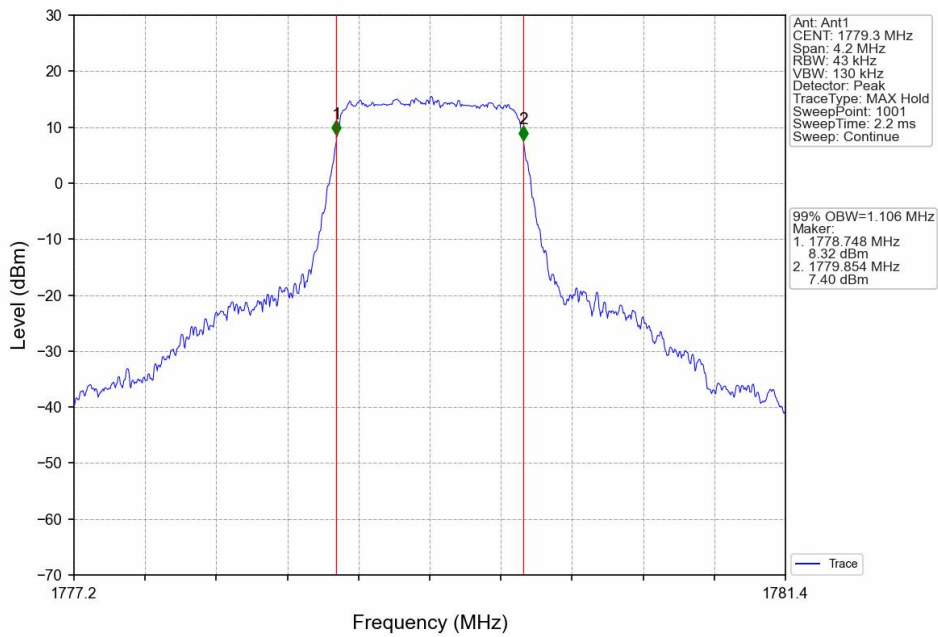
Band66_1.4MHz_16QAM_LCH_1710.7MHz_RB_6_0_NTNV



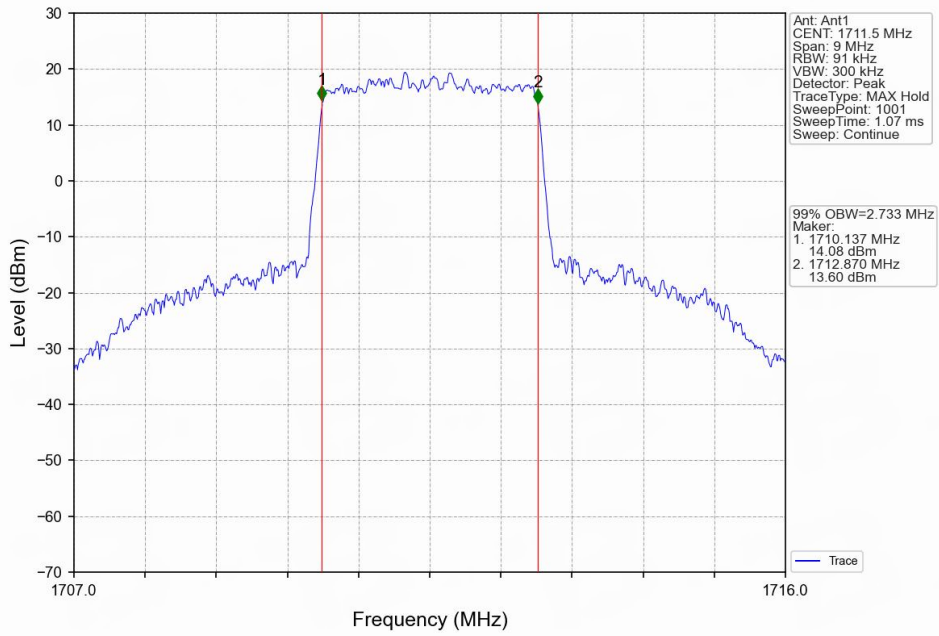
Band66_1.4MHz_16QAM_MCH_1745MHz_RB_6_0_NTNV



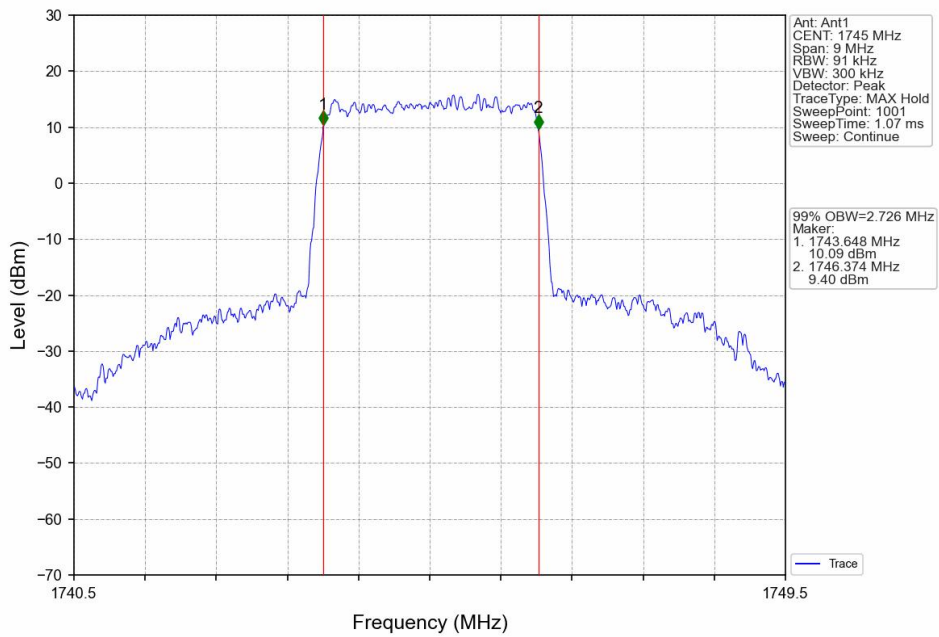
Band66_1.4MHz_16QAM_HCH_1779.3MHz_RB_6_0_NTNV



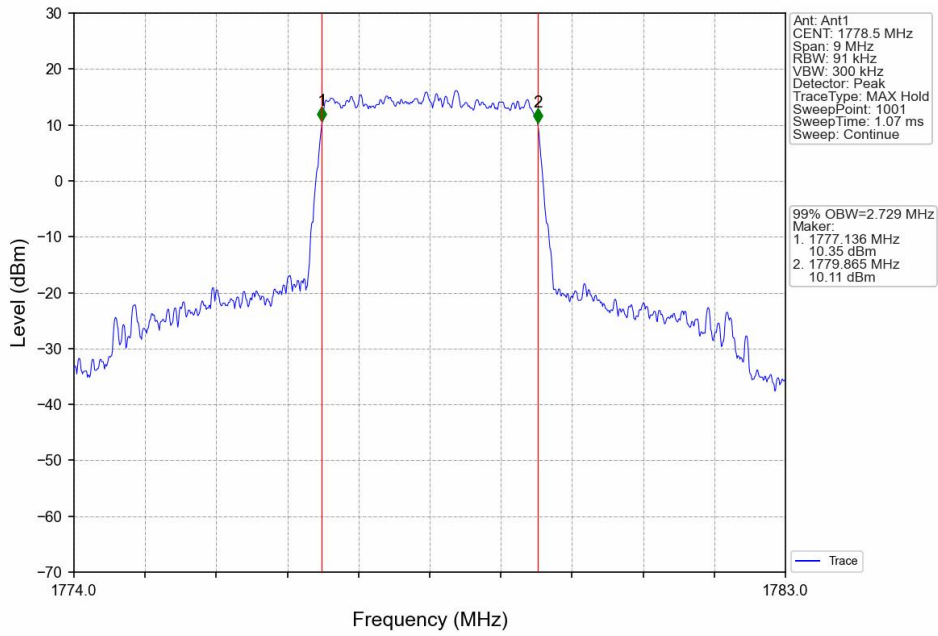
Band66_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV



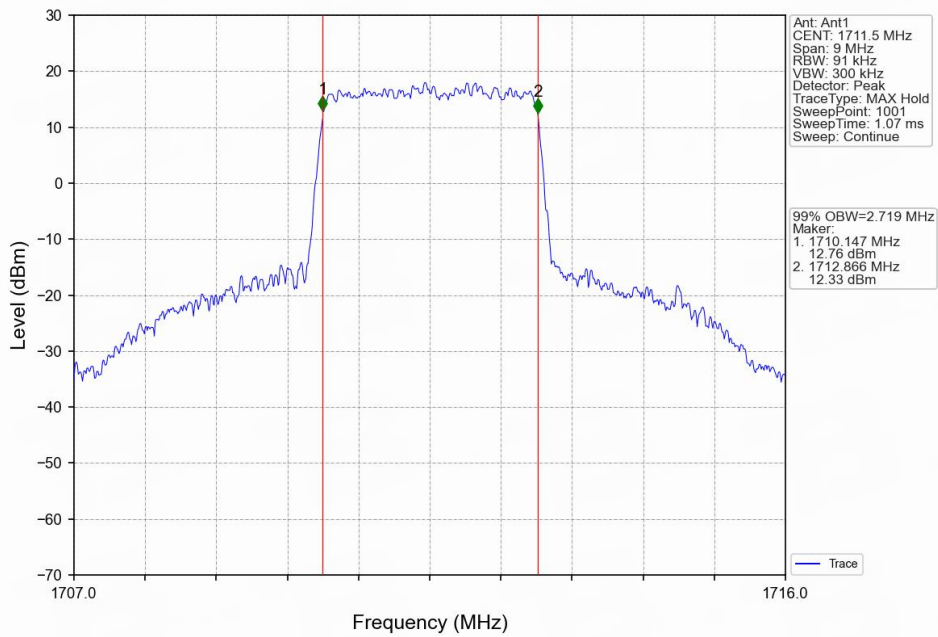
Band66_3MHz_QPSK_MCH_1745MHz_RB_15_0_NTNV



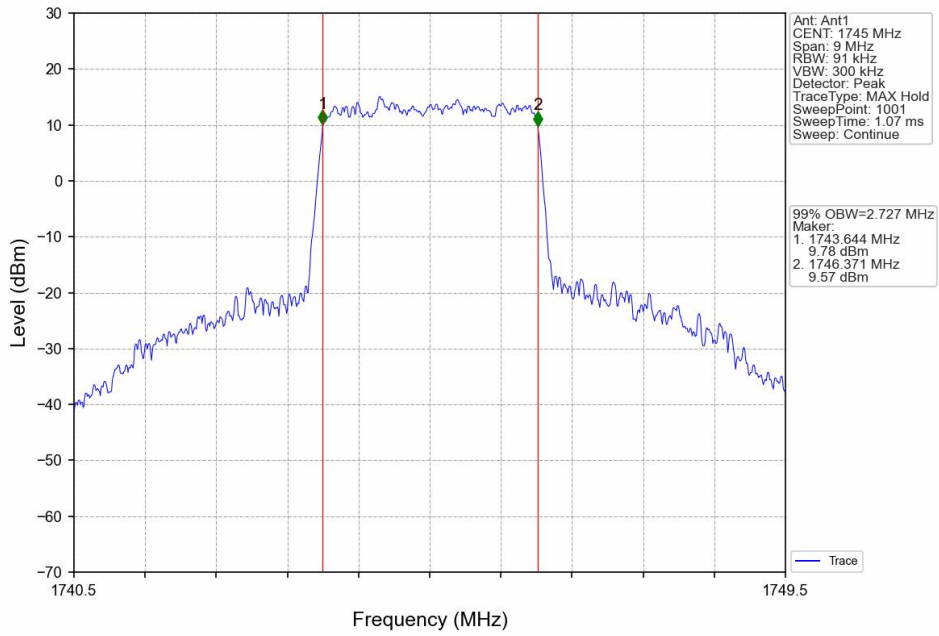
Band66_3MHz_QPSK_HCH_1778.5MHz_RB_15_0_NTNV



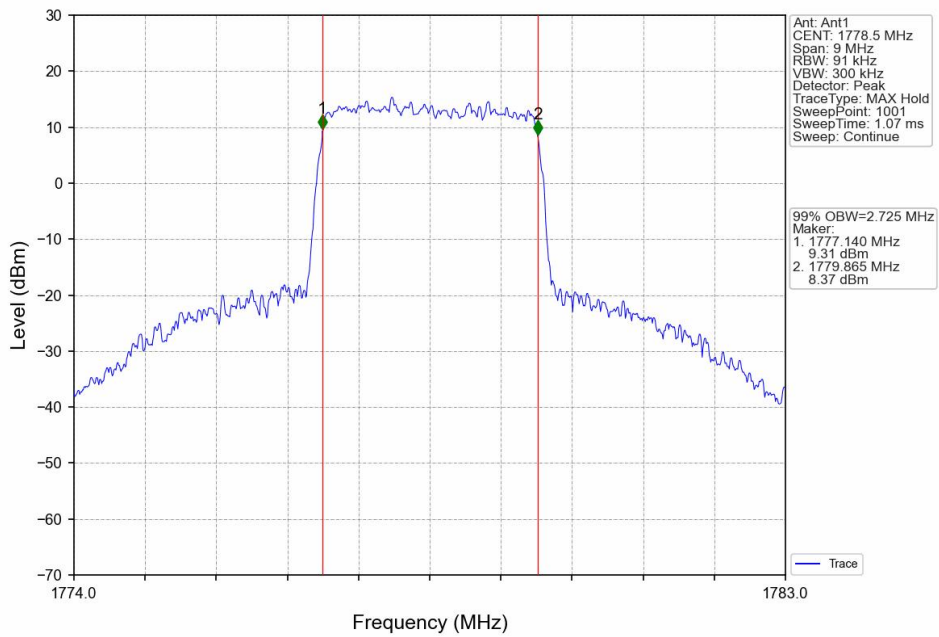
Band66_3MHz_16QAM_LCH_1711.5MHz_RB_15_0_NTNV



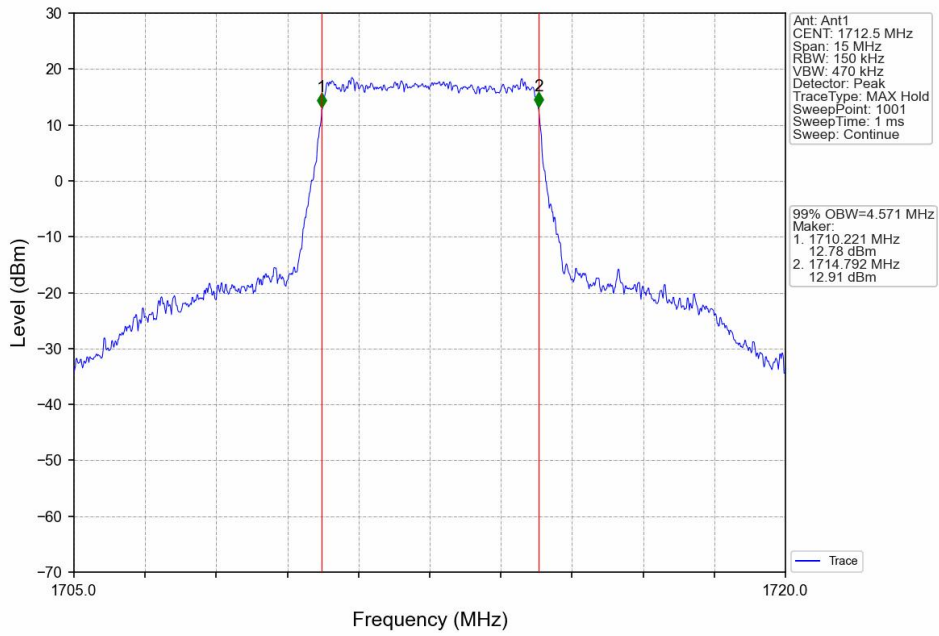
Band66_3MHz_16QAM_MCH_1745MHz_RB_15_0_NTNV



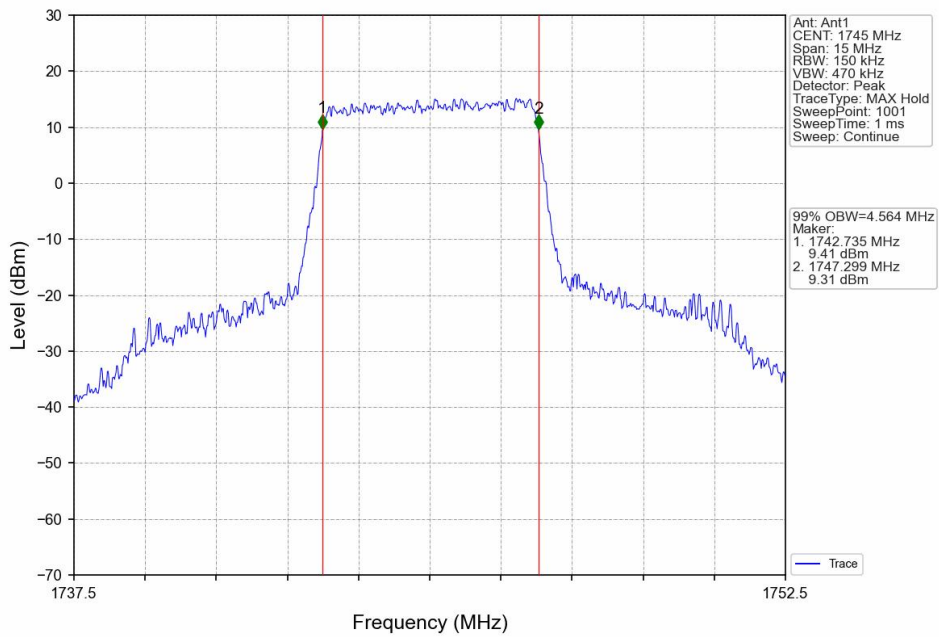
Band66_3MHz_16QAM_HCH_1778.5MHz_RB_15_0_NTNV



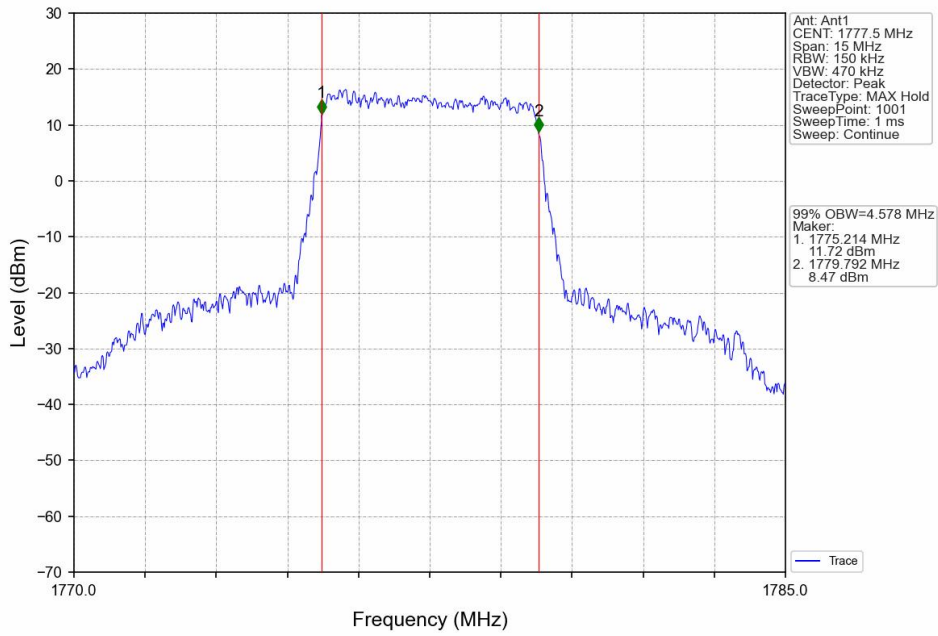
Band66_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV



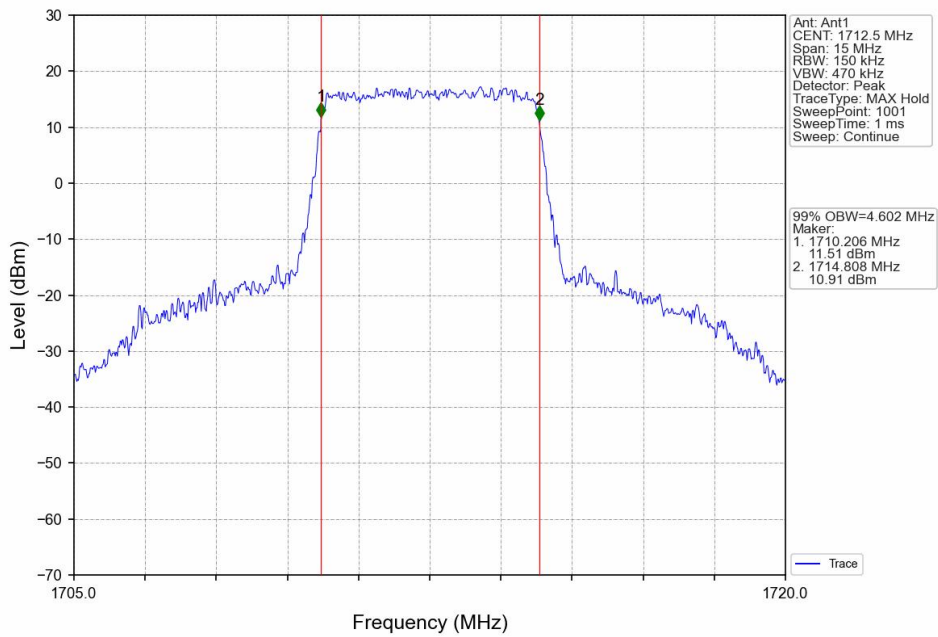
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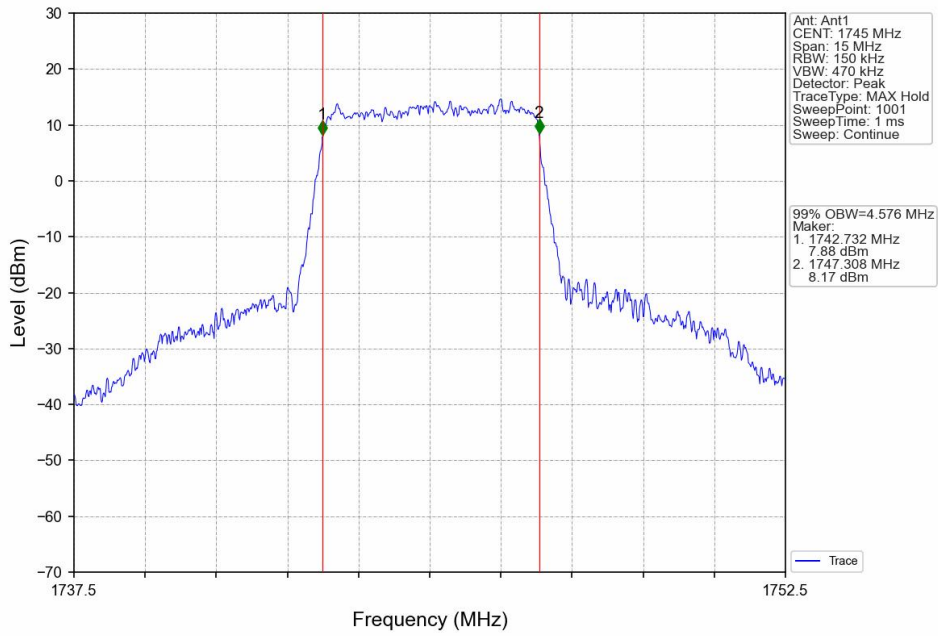
Band66_5MHz_QPSK_HCH_1777.5MHz_RB_25_0_NTNV



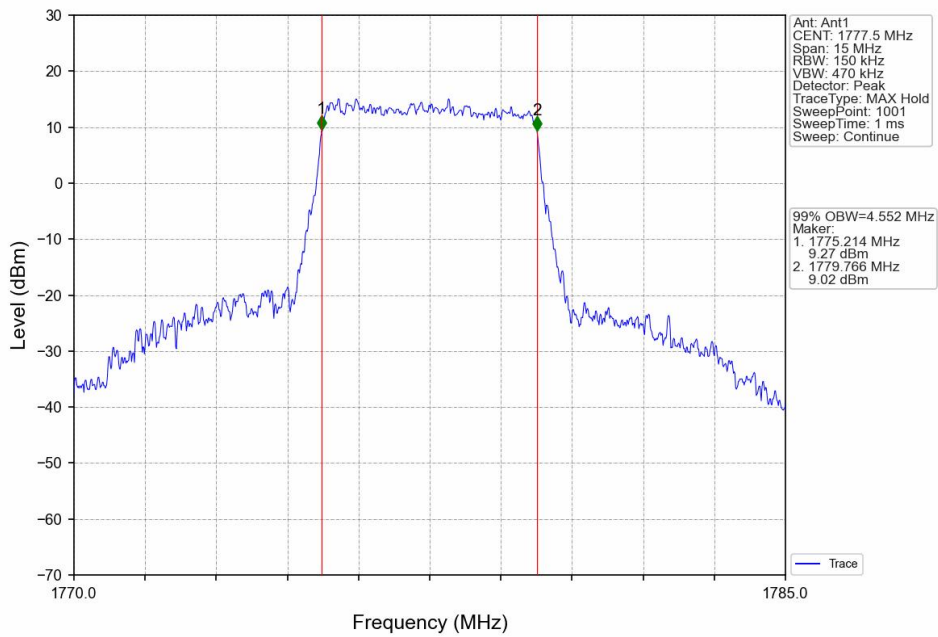
Band66_5MHz_16QAM_LCH_1712.5MHz_RB_25_0_NTNV



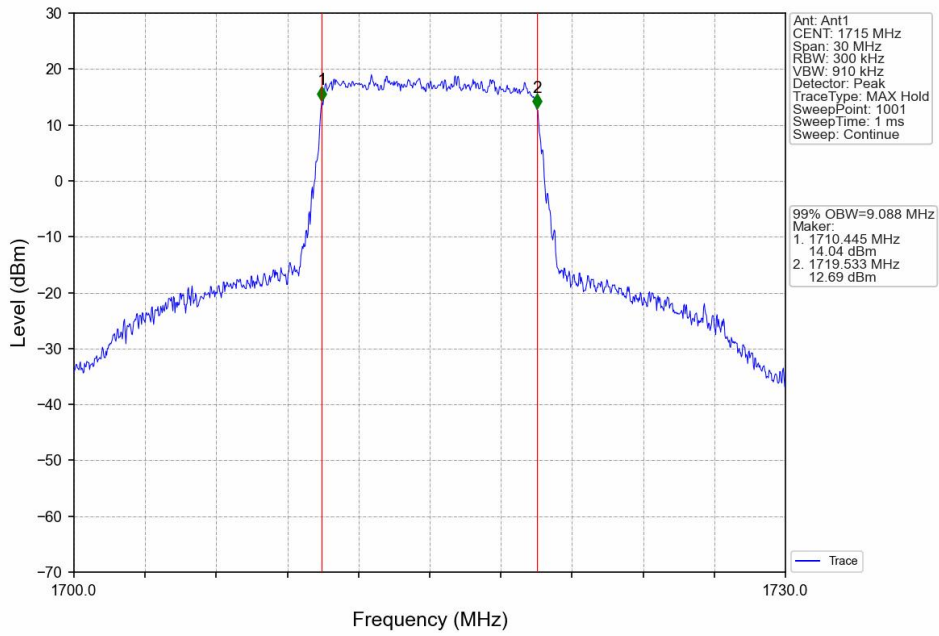
Band66_5MHz_16QAM_MCH_1745MHz_RB_25_0_NTNV



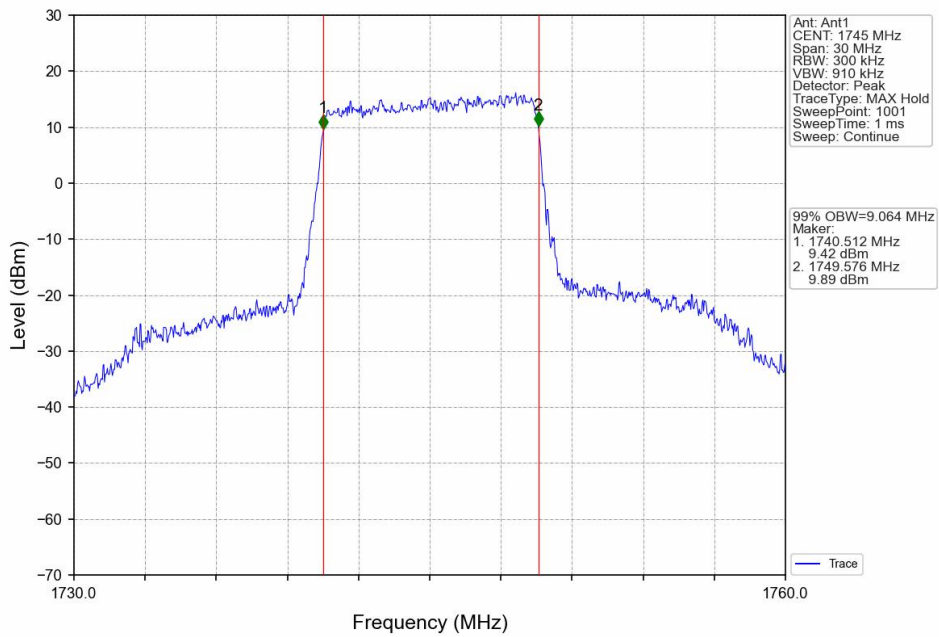
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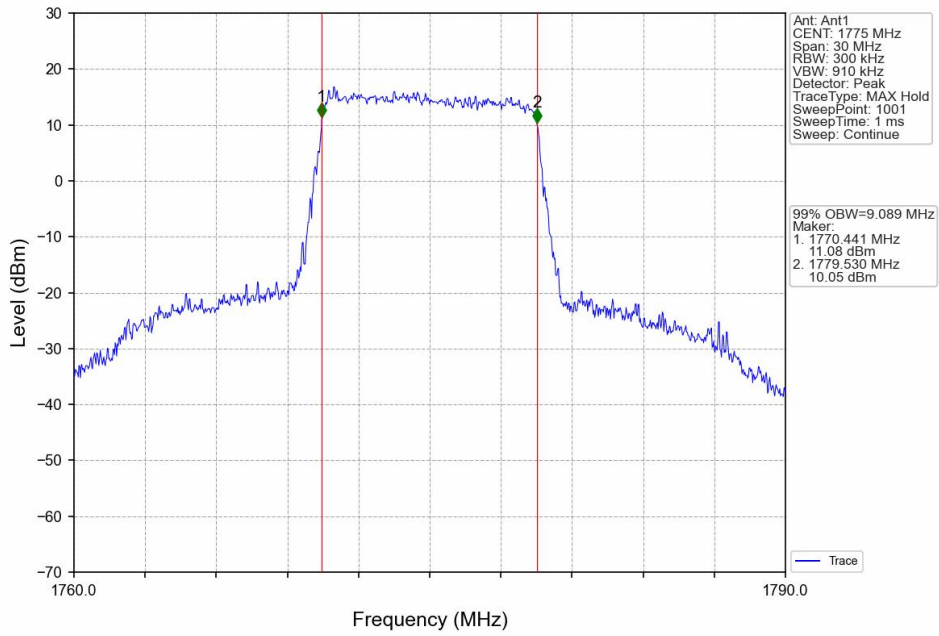
Band66_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV



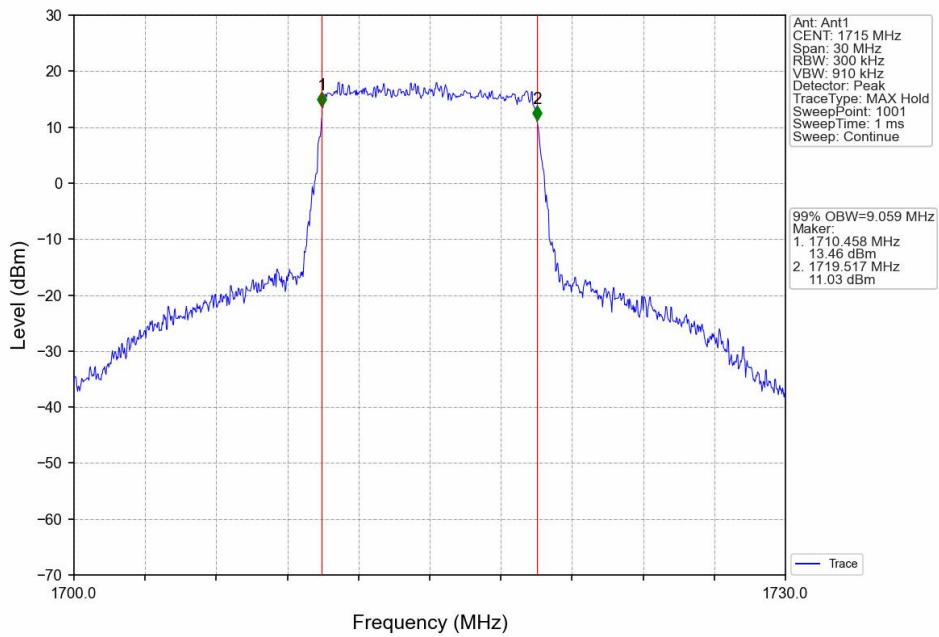
Band66_10MHz_QPSK_MCH_1745MHz_RB_50_0_NTNV



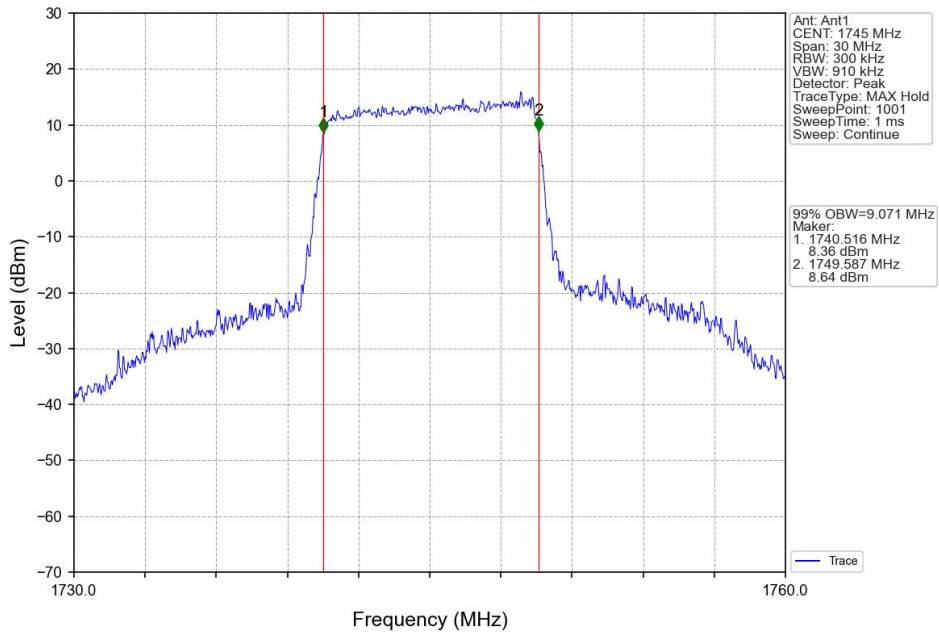
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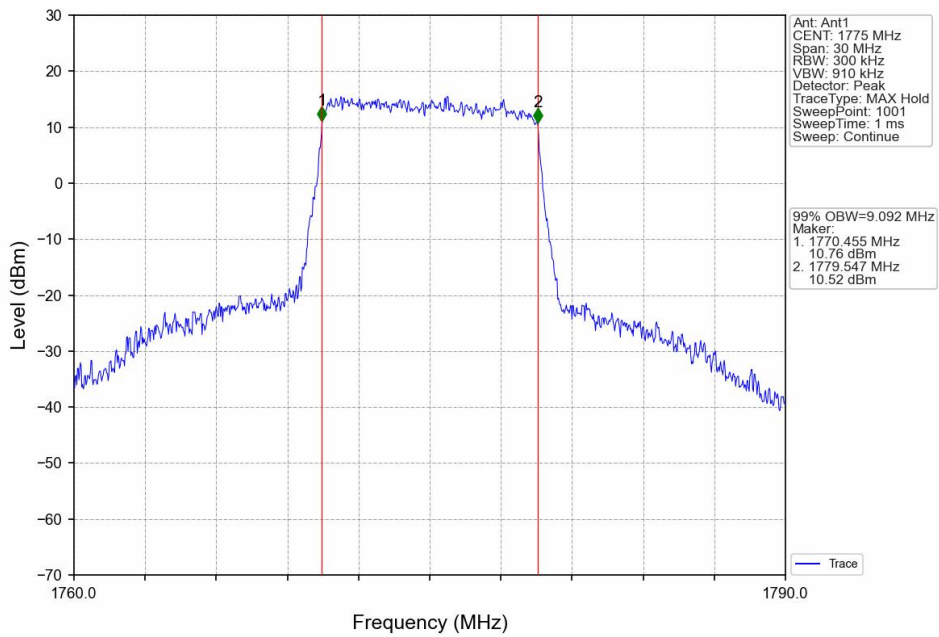
Band66_10MHz_16QAM_LCH_1715MHz_RB_50_0_NTNV



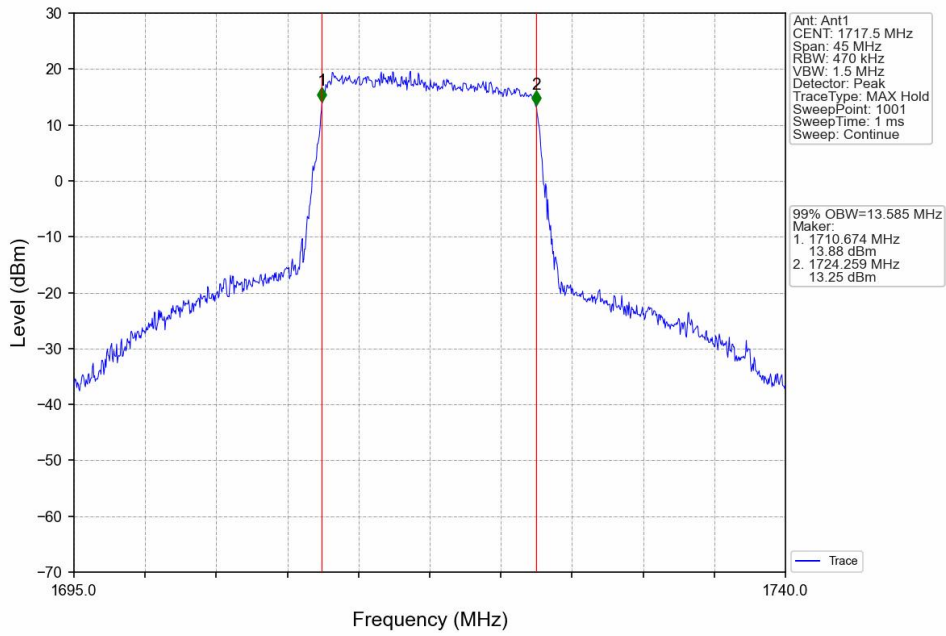
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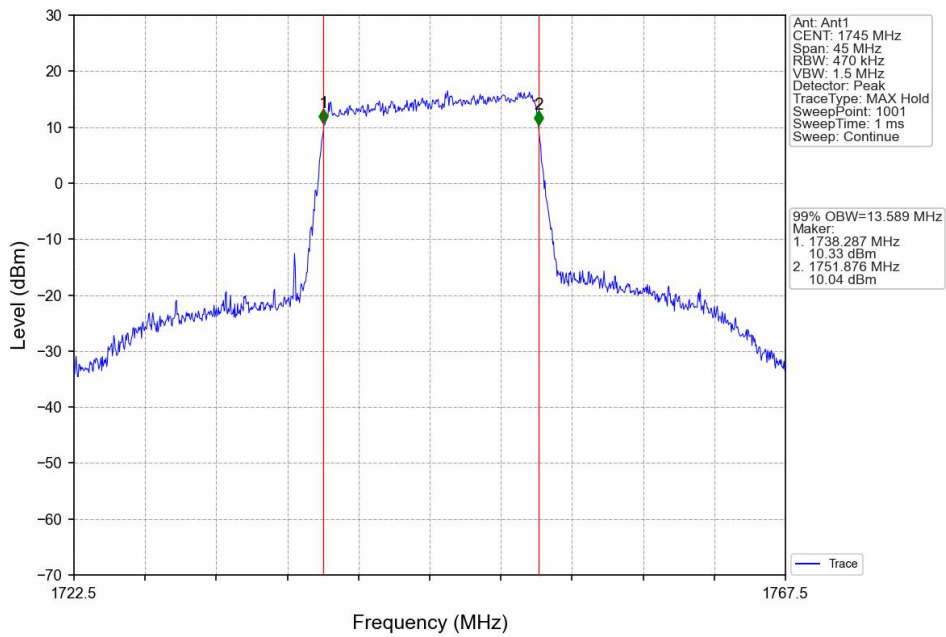
Band66_10MHz_16QAM_HCH_1775MHz_RB_50_0_NTNV



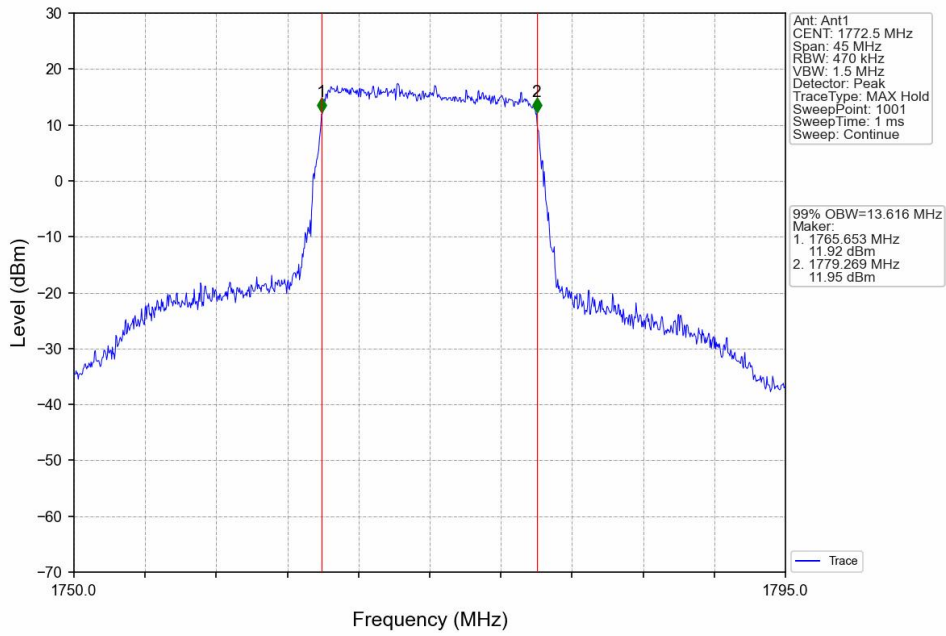
Band66_15MHz_QPSK_LCH_1717.5MHz_RB_75_0_NTNV



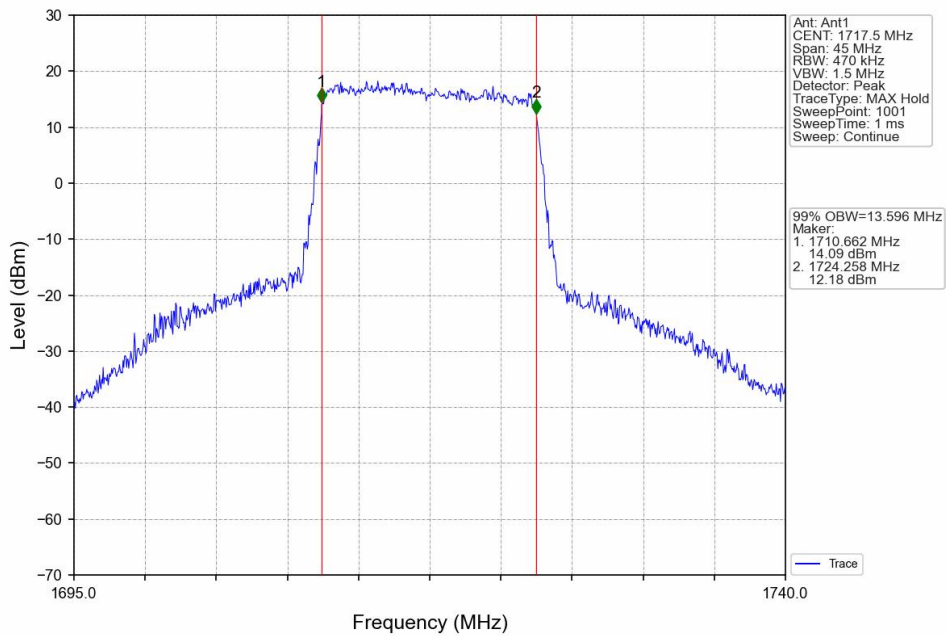
Band66_15MHz_QPSK_MCH_1745MHz_RB_75_0_NTNV



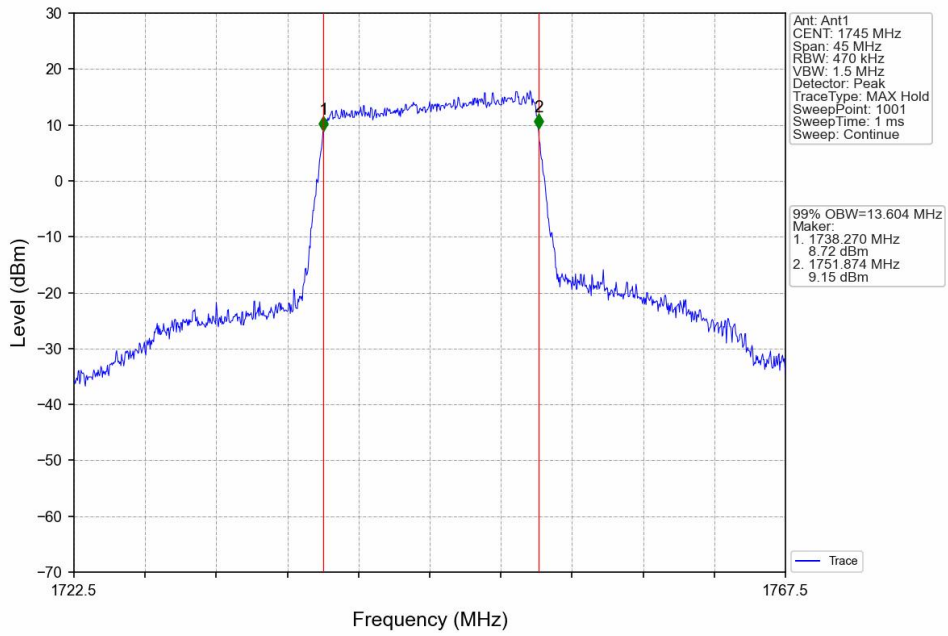
Band66_15MHz_QPSK_HCH_1772.5MHz_RB_75_0_NTNV



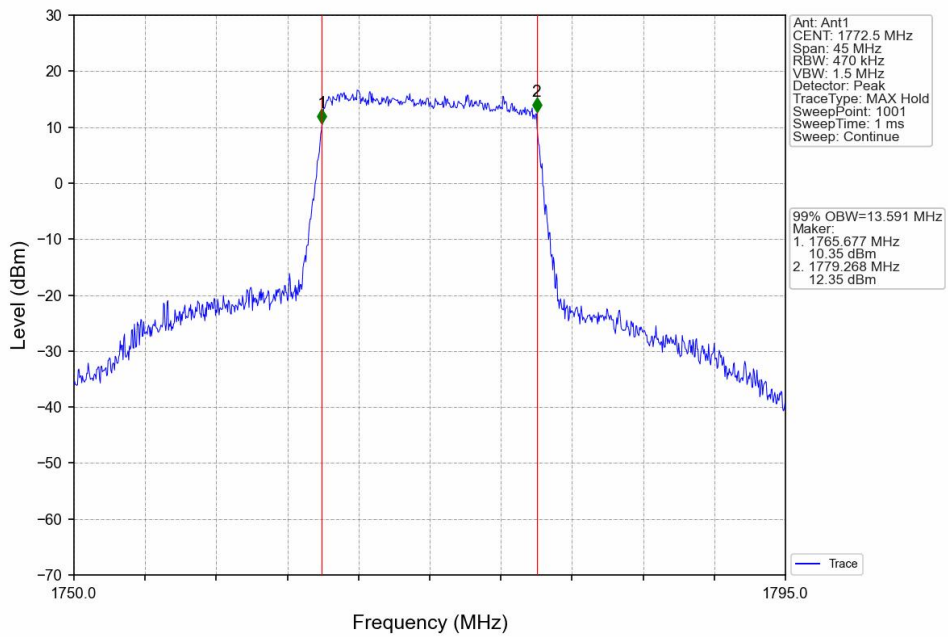
Band66_15MHz_16QAM_LCH_1717.5MHz_RB_75_0_NTNV



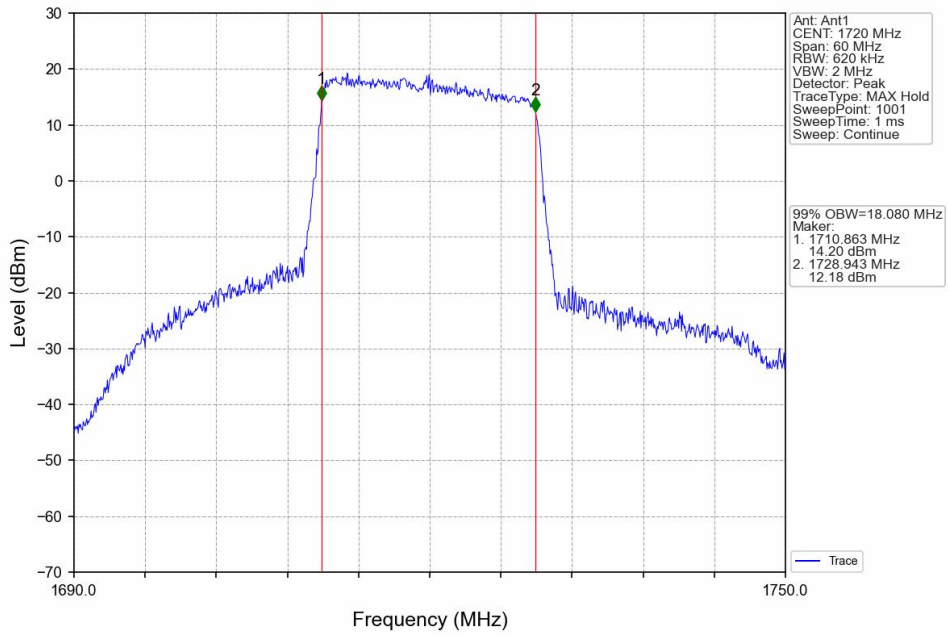
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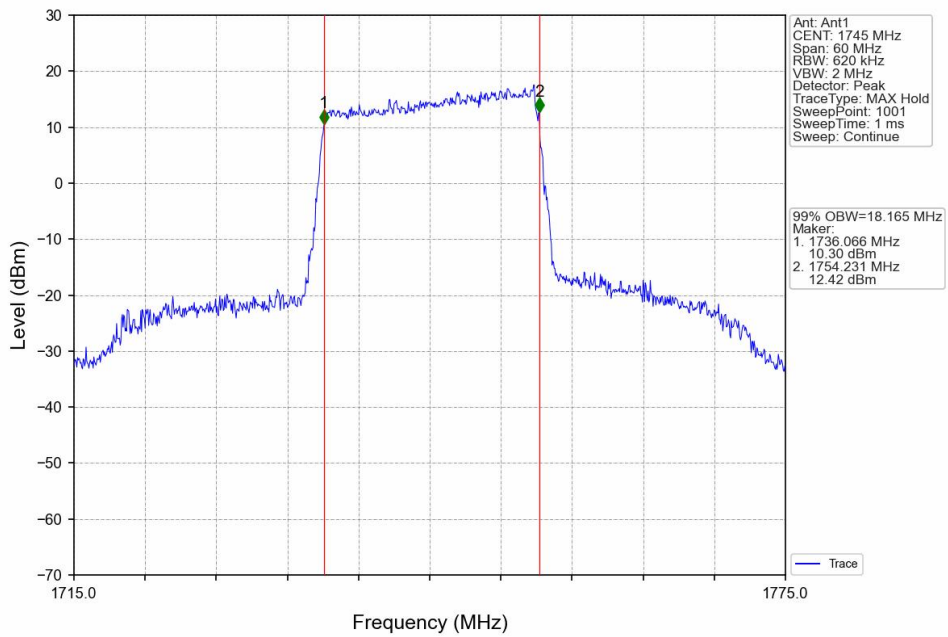
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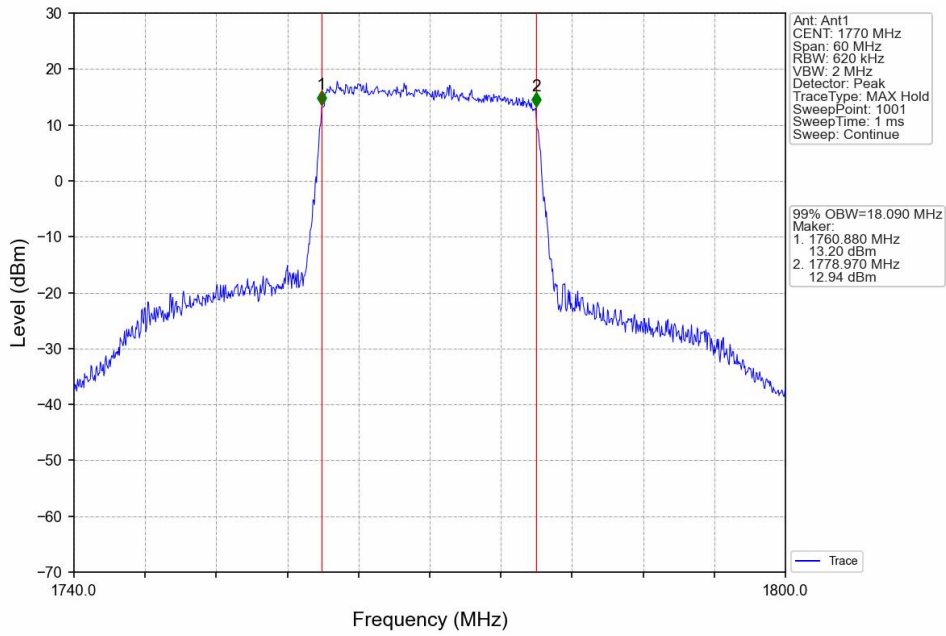
Band66_20MHz_QPSK_LCH_1720MHz_RB_100_0_NTNV



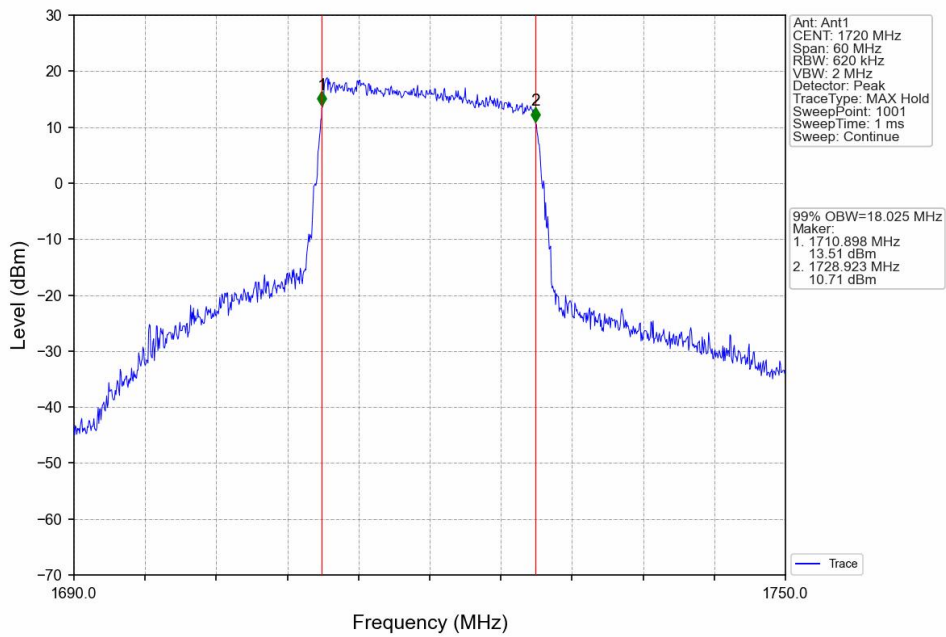
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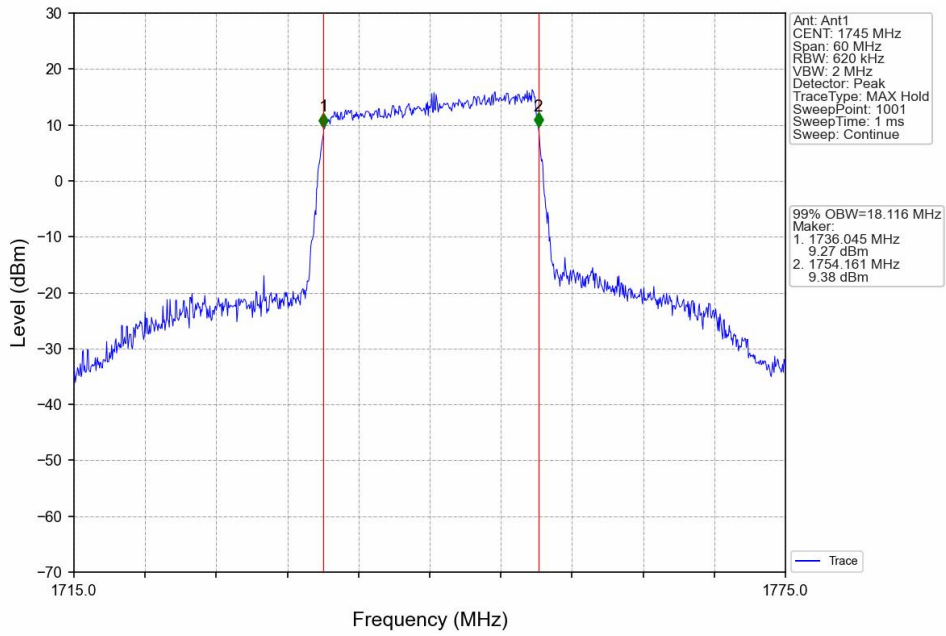
Band66_20MHz_QPSK_HCH_1770MHz_RB_100_0_NTNV



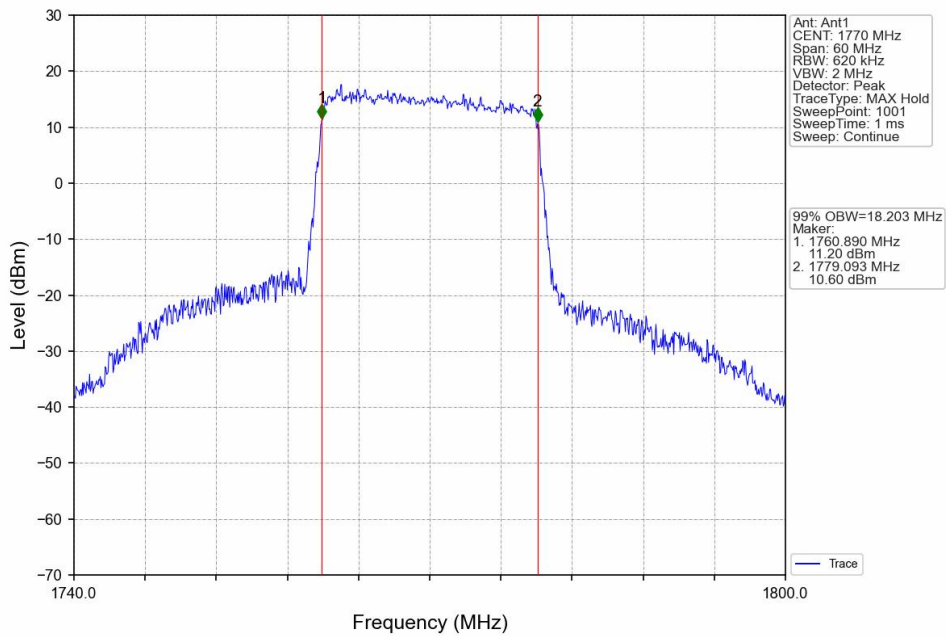
Band66_20MHz_16QAM_LCH_1720MHz_RB_100_0_NTNV



Band66_20MHz_16QAM_MCH_1745MHz_RB_100_0_NTNV



Band66_20MHz_16QAM_HCH_1770MHz_RB_100_0_NTNV

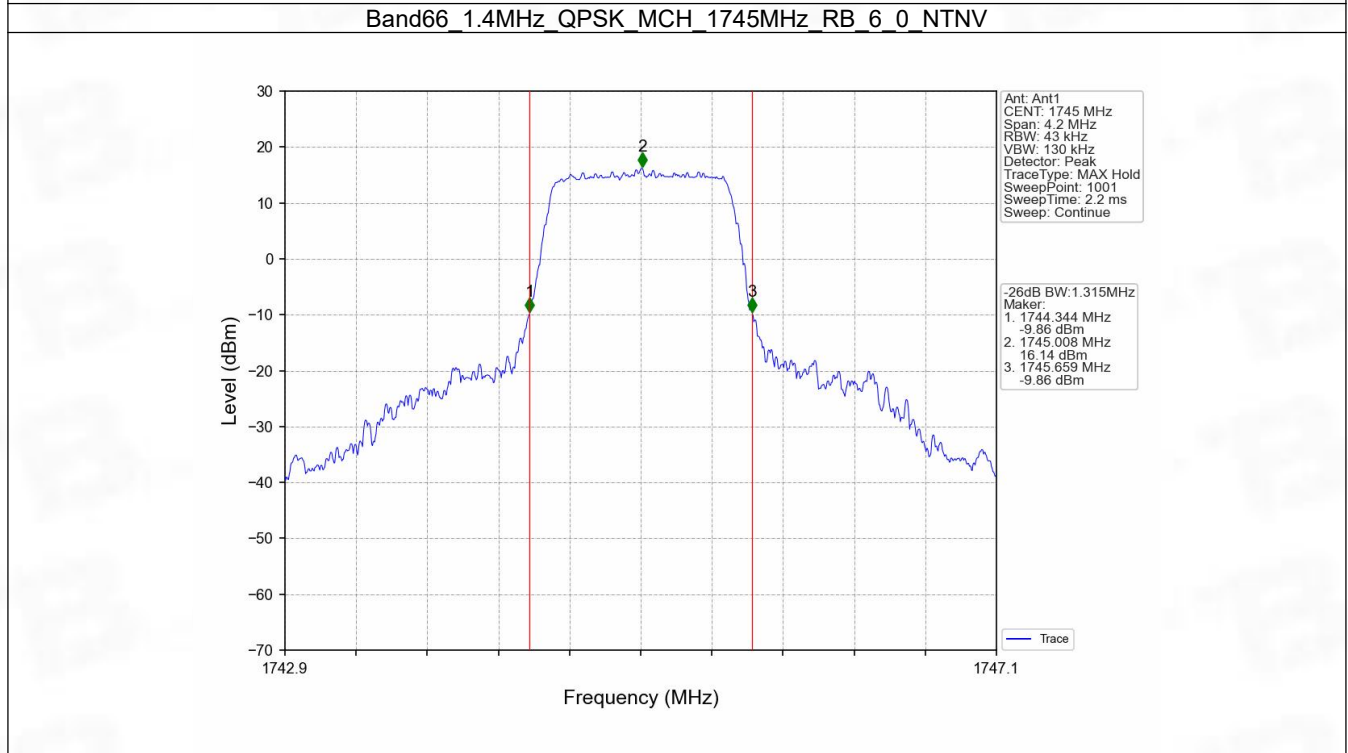
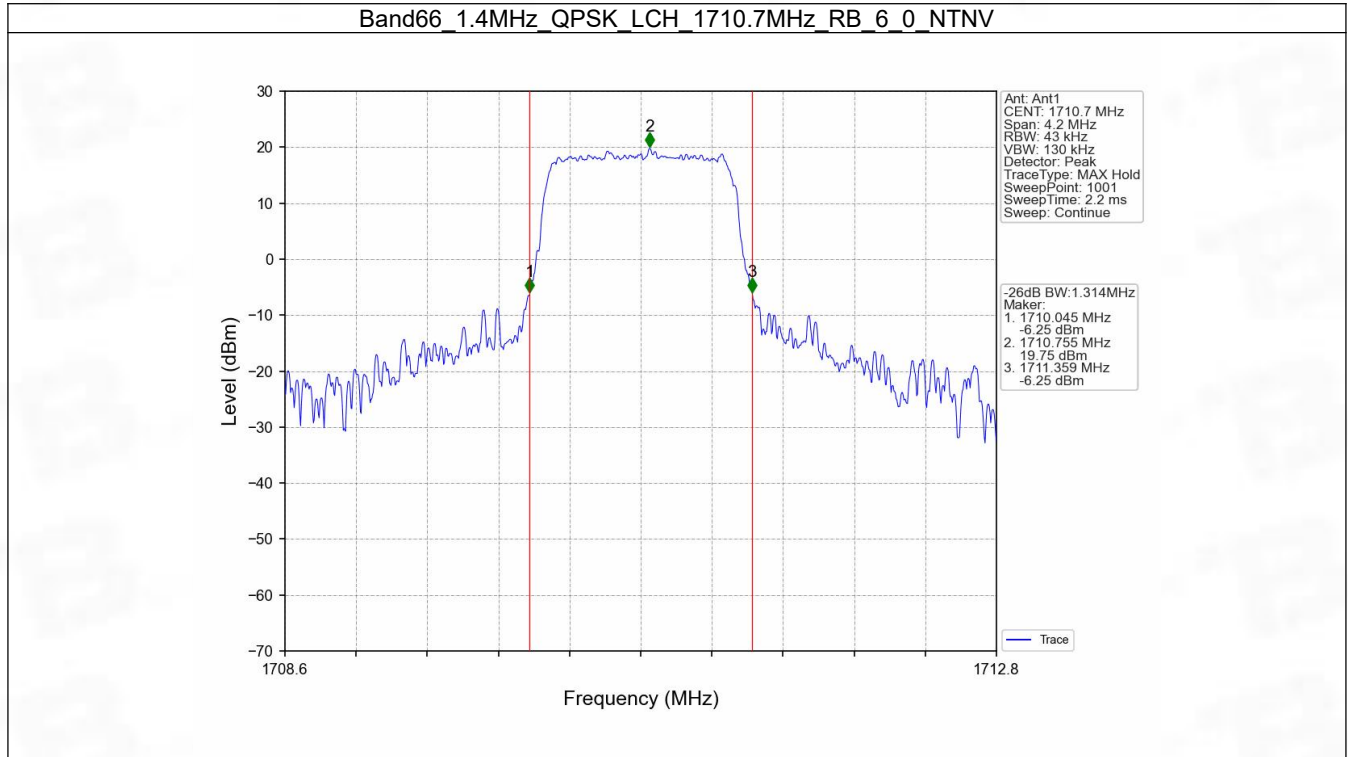


4.2 Band66_XDB

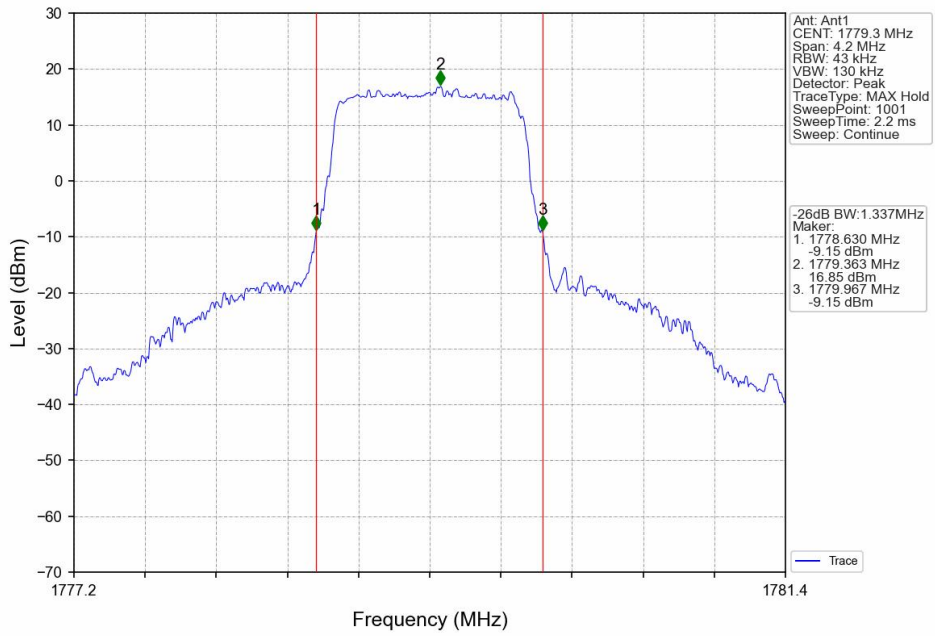
4.2.1 Test Result

Band: 66 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)	Verdict
			Size	Offset	Result	
1.4	QPSK	1710.7	6	0	1.314	Pass
		1745	6	0	1.315	Pass
		1779.3	6	0	1.337	Pass
	16QAM	1710.7	6	0	1.314	Pass
		1745	6	0	1.301	Pass
		1779.3	6	0	1.317	Pass
3	QPSK	1711.5	15	0	3.001	Pass
		1745	15	0	2.998	Pass
		1778.5	15	0	3.015	Pass
	16QAM	1711.5	15	0	2.996	Pass
		1745	15	0	2.987	Pass
		1778.5	15	0	2.983	Pass
5	QPSK	1712.5	25	0	5.298	Pass
		1745	25	0	5.248	Pass
		1777.5	25	0	5.287	Pass
	16QAM	1712.5	25	0	5.245	Pass
		1745	25	0	5.257	Pass
		1777.5	25	0	5.238	Pass
10	QPSK	1715	50	0	10.221	Pass
		1745	50	0	10.326	Pass
		1775	50	0	10.213	Pass
	16QAM	1715	50	0	10.188	Pass
		1745	50	0	10.142	Pass
		1775	50	0	10.230	Pass
15	QPSK	1717.5	75	0	15.256	Pass
		1745	75	0	15.337	Pass
		1772.5	75	0	15.281	Pass
	16QAM	1717.5	75	0	15.207	Pass
		1745	75	0	15.301	Pass
		1772.5	75	0	15.276	Pass
20	QPSK	1720	100	0	19.888	Pass
		1745	100	0	19.946	Pass
		1770	100	0	19.914	Pass
	16QAM	1720	100	0	19.897	Pass
		1745	100	0	19.876	Pass
		1770	100	0	19.893	Pass

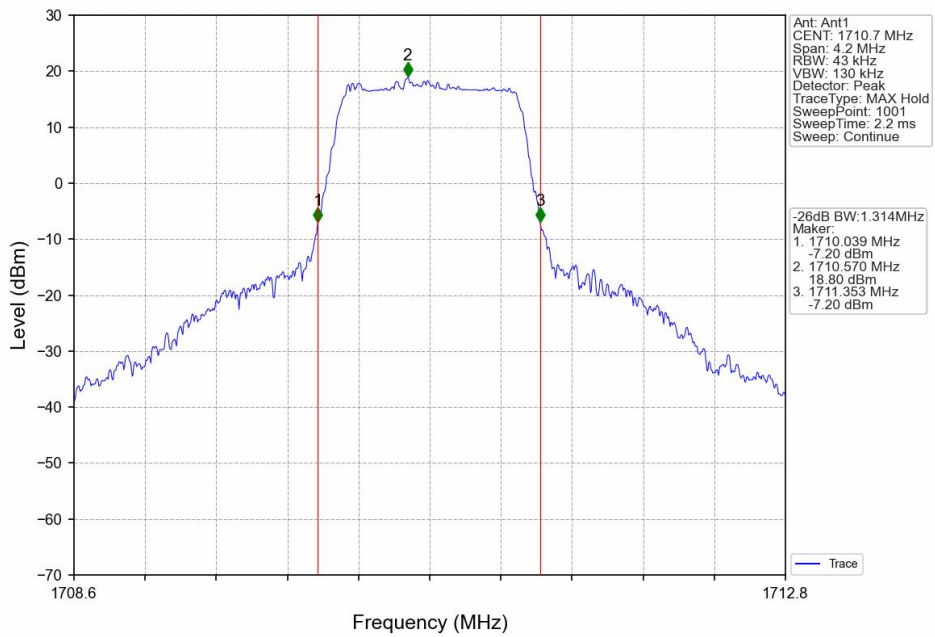
4.2.2 Test Graph



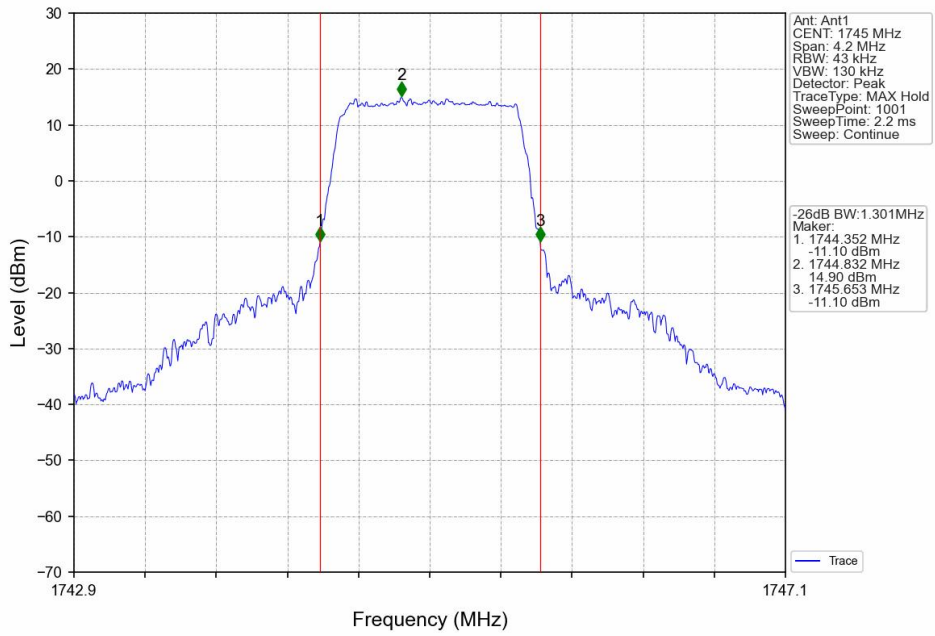
Band66_1.4MHz_QPSK_HCH_1779.3MHz_RB_6_0_NTNV



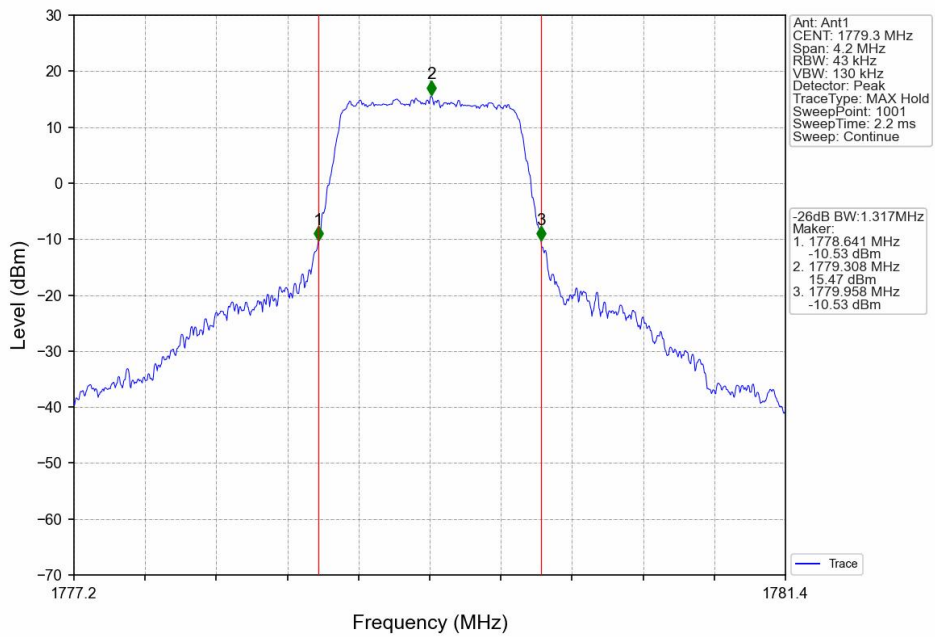
Band66_1.4MHz_16QAM_LCH_1710.7MHz_RB_6_0_NTNV



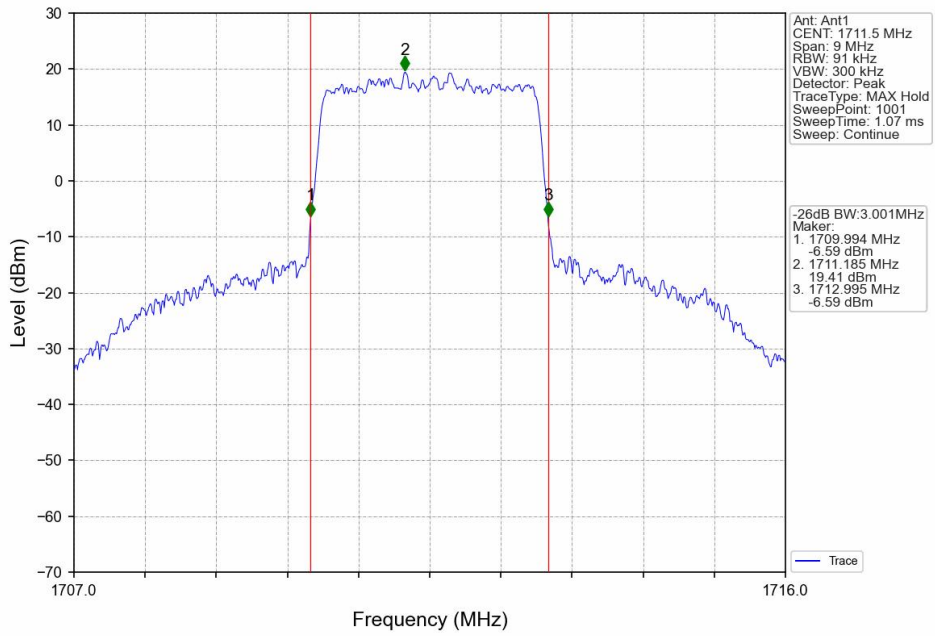
Band66_1.4MHz_16QAM_MCH_1745MHz_RB_6_0_NTNV



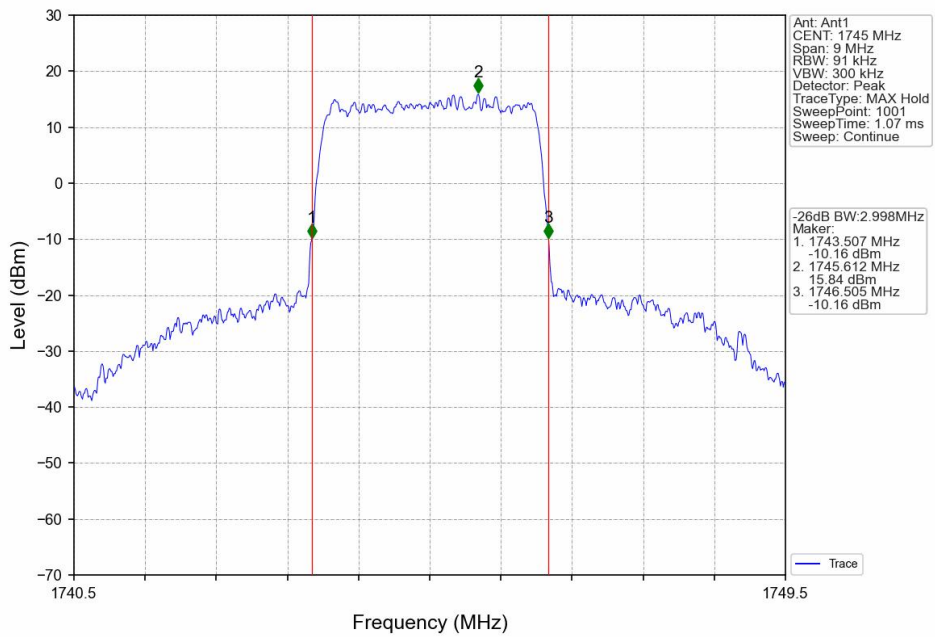
Band66_1.4MHz_16QAM_HCH_1779.3MHz_RB_6_0_NTNV



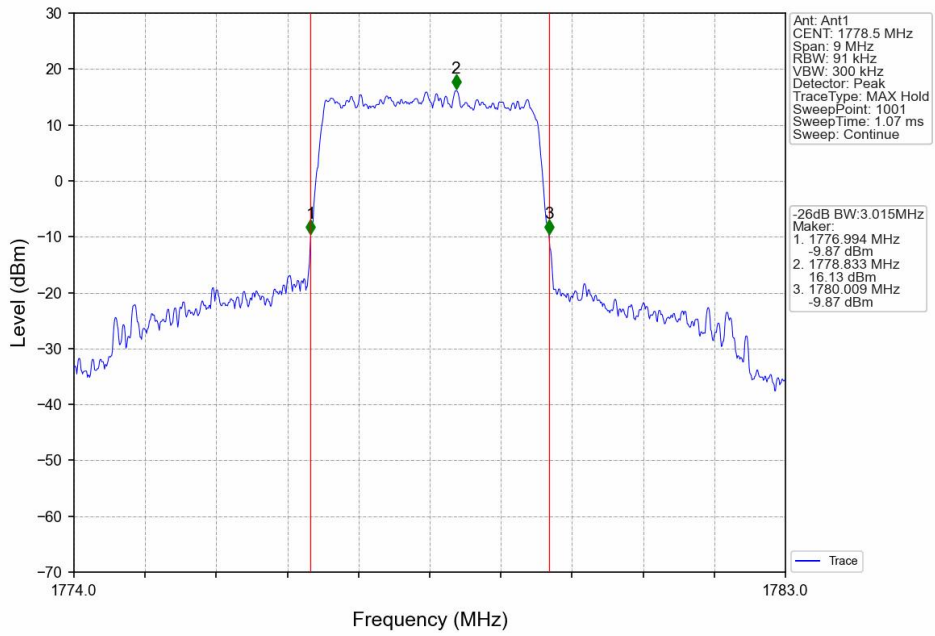
Band66_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV



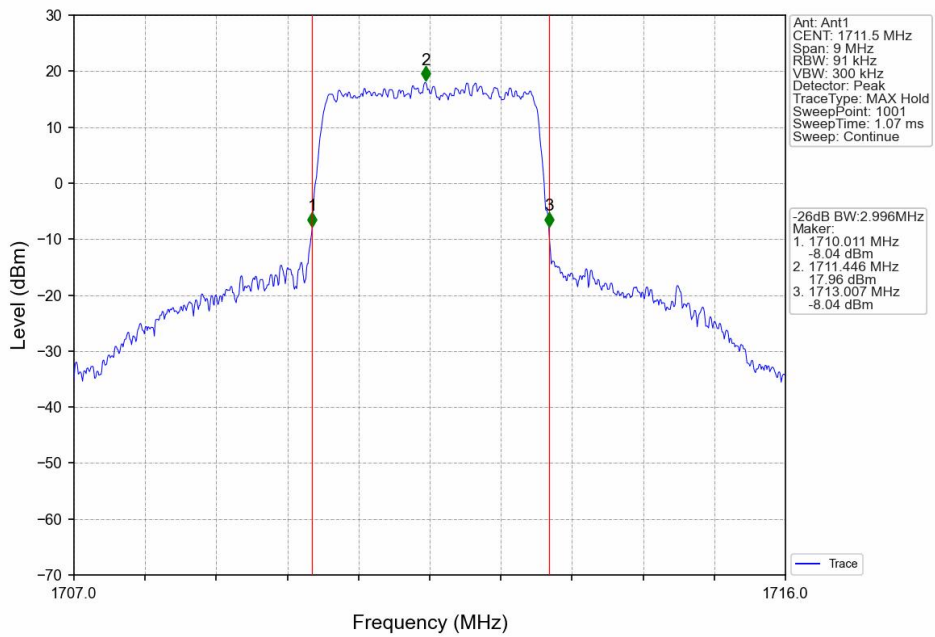
Band66_3MHz_QPSK_MCH_1745MHz_RB_15_0_NTNV



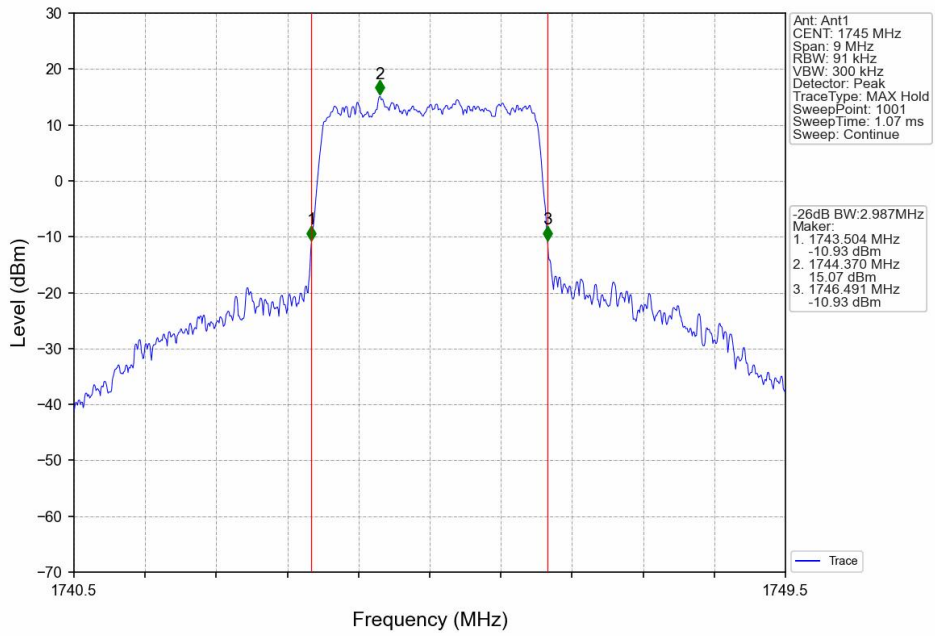
Band66_3MHz_QPSK_HCH_1778.5MHz_RB_15_0_NTNV



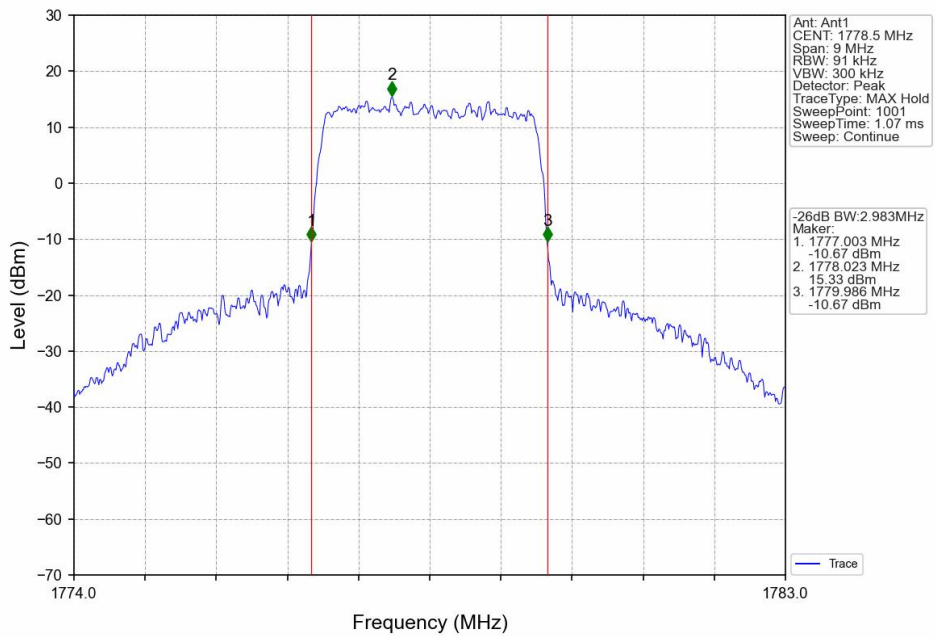
Band66_3MHz_16QAM_LCH_1711.5MHz_RB_15_0_NTNV



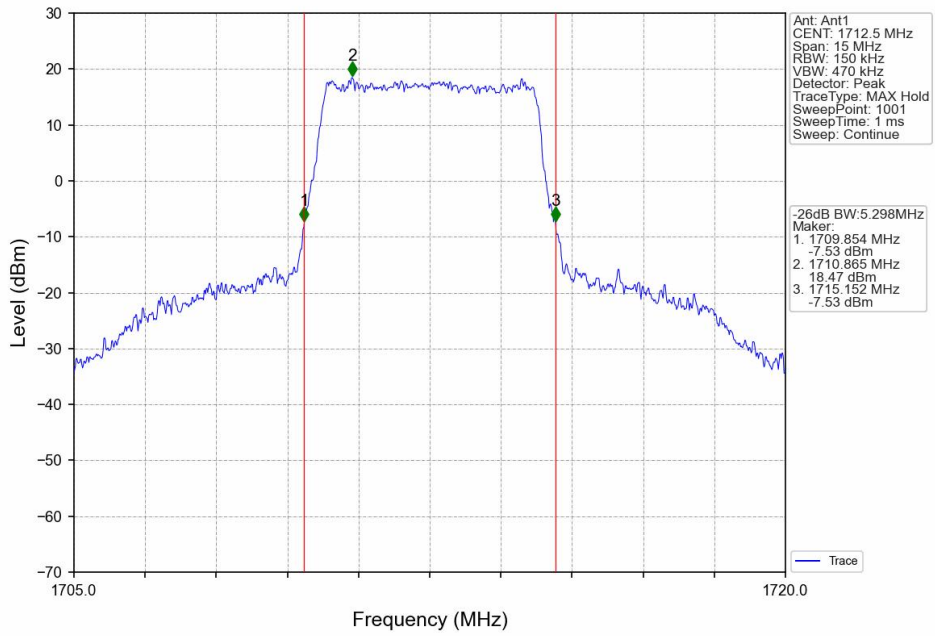
Band66_3MHz_16QAM_MCH_1745MHz_RB_15_0_NTNV



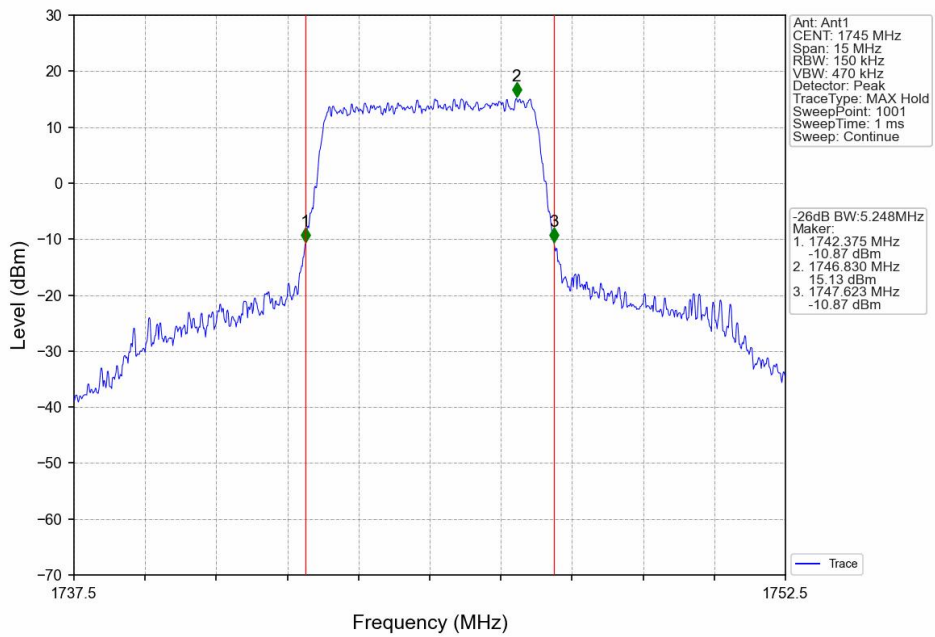
Band66_3MHz_16QAM_HCH_1778.5MHz_RB_15_0_NTNV



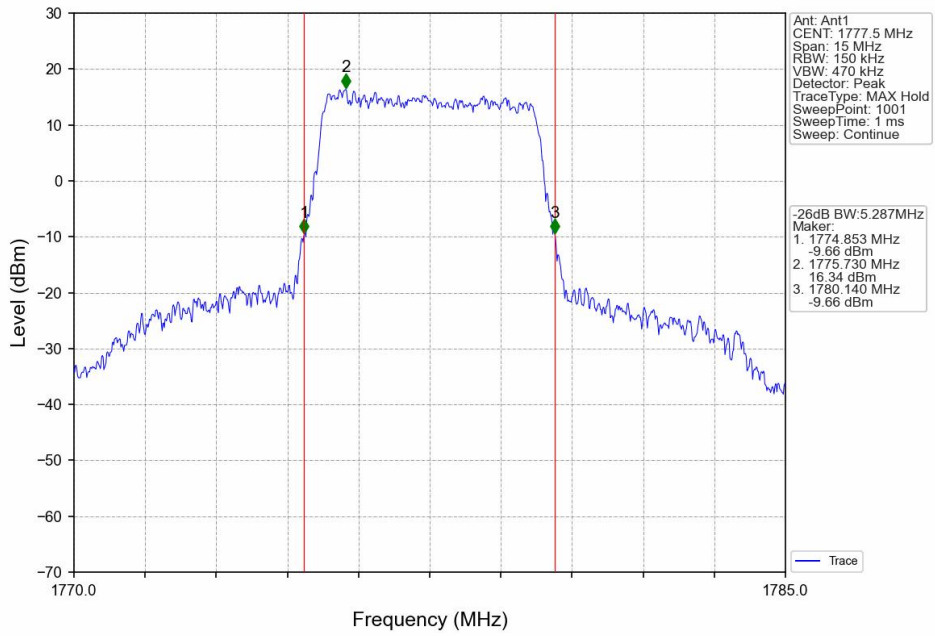
Band66_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV



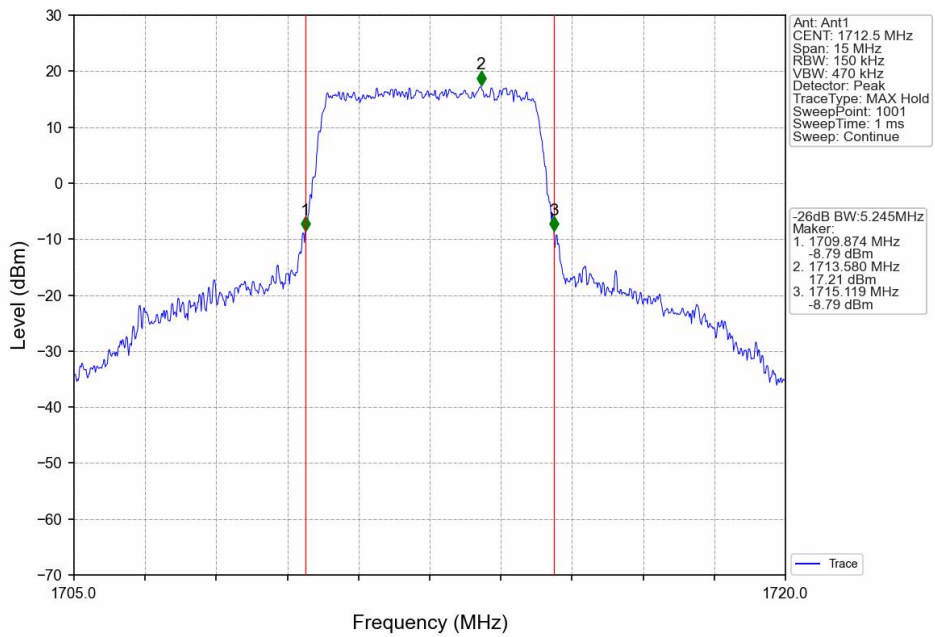
Band66_5MHz_QPSK_MCH_1745MHz_RB_25_0_NTNV



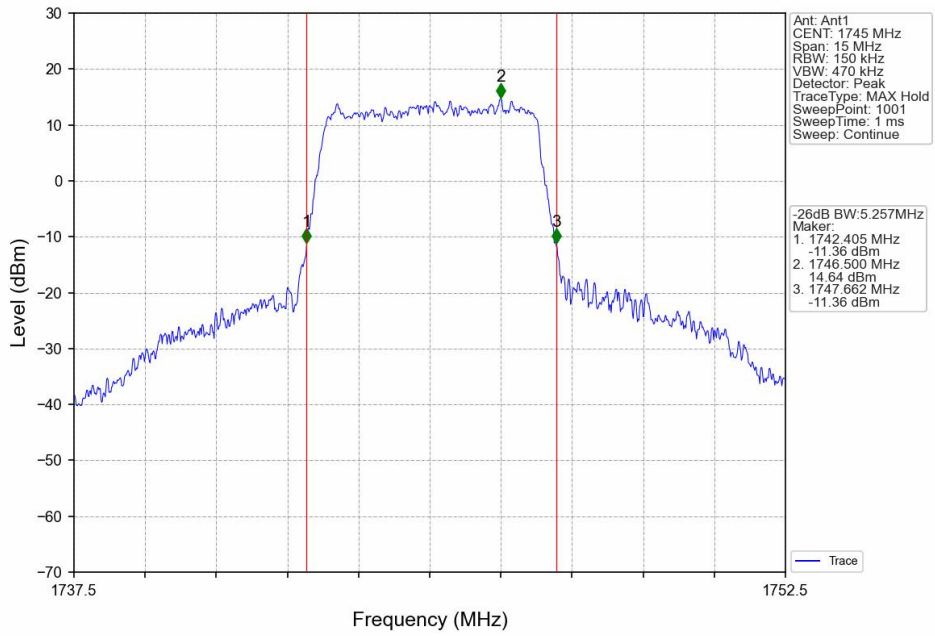
Band66_5MHz_QPSK_HCH_1777.5MHz_RB_25_0_NTNV



Band66_5MHz_16QAM_LCH_1712.5MHz_RB_25_0_NTNV



Band66_5MHz_16QAM_MCH_1745MHz_RB_25_0_NTNV



Band66_5MHz_16QAM_HCH_1777.5MHz_RB_25_0_NTNV

