

Appendix - LTE_band_66

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 B66_1.4MHz_EIRP

Band: 66 / Bandwidth: 1.4MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1710.7	1	0	20.21	0.51	20.72	<=30	Pass
			2	20.35	0.51	20.86	<=30	Pass
			5	20.37	0.51	20.88	<=30	Pass
		3	0	20.39	0.51	20.90	<=30	Pass
			2	20.37	0.51	20.88	<=30	Pass
			3	20.30	0.51	20.81	<=30	Pass
		6	0	19.42	0.51	19.93	<=30	Pass
	1745	1	0	20.21	0.51	20.72	<=30	Pass
			2	20.20	0.51	20.71	<=30	Pass
			5	20.24	0.51	20.75	<=30	Pass
		3	0	20.32	0.51	20.83	<=30	Pass
			2	20.25	0.51	20.76	<=30	Pass
			3	20.29	0.51	20.80	<=30	Pass
		6	0	19.42	0.51	19.93	<=30	Pass
	1779.3	1	0	20.42	0.51	20.93	<=30	Pass
			2	20.40	0.51	20.91	<=30	Pass
			5	20.54	0.51	21.05	<=30	Pass
		3	0	20.55	0.51	21.06	<=30	Pass
			2	20.54	0.51	21.05	<=30	Pass
			3	20.57	0.51	21.08	<=30	Pass
		6	0	19.50	0.51	20.01	<=30	Pass
16QAM	1710.7	1	0	19.32	0.51	19.83	<=30	Pass
			2	19.41	0.51	19.92	<=30	Pass
			5	19.37	0.51	19.88	<=30	Pass
		3	0	19.26	0.51	19.77	<=30	Pass
			2	19.22	0.51	19.73	<=30	Pass
			3	19.28	0.51	19.79	<=30	Pass
		6	0	18.30	0.51	18.81	<=30	Pass
	1745	1	0	19.98	0.51	20.49	<=30	Pass
			2	20.02	0.51	20.53	<=30	Pass
			5	20.09	0.51	20.60	<=30	Pass
		3	0	19.21	0.51	19.72	<=30	Pass
			2	19.15	0.51	19.66	<=30	Pass
			3	19.21	0.51	19.72	<=30	Pass
		6	0	18.32	0.51	18.83	<=30	Pass
	1779.3	1	0	20.06	0.51	20.57	<=30	Pass
			2	20.09	0.51	20.60	<=30	Pass
			5	20.11	0.51	20.62	<=30	Pass
		3	0	19.38	0.51	19.89	<=30	Pass
			2	19.46	0.51	19.97	<=30	Pass
			3	19.41	0.51	19.92	<=30	Pass
		6	0	18.34	0.51	18.85	<=30	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.1.2 B66_3MHz_EIRP

Band: 66 / Bandwidth: 3MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1711.5	1	0	20.28	0.51	20.79	<=30	Pass
			7	20.22	0.51	20.73	<=30	Pass
			14	20.28	0.51	20.79	<=30	Pass
		8	0	19.32	0.51	19.83	<=30	Pass
			4	19.39	0.51	19.90	<=30	Pass
			7	19.37	0.51	19.88	<=30	Pass
		15	0	19.32	0.51	19.83	<=30	Pass
	1745	1	0	20.24	0.51	20.75	<=30	Pass
			7	20.10	0.51	20.61	<=30	Pass
			14	20.16	0.51	20.67	<=30	Pass
		8	0	19.25	0.51	19.76	<=30	Pass
			4	19.27	0.51	19.78	<=30	Pass
			7	19.21	0.51	19.72	<=30	Pass
		15	0	19.36	0.51	19.87	<=30	Pass
	1778.5	1	0	20.34	0.51	20.85	<=30	Pass
			7	20.39	0.51	20.90	<=30	Pass
			14	20.42	0.51	20.93	<=30	Pass
		8	0	19.46	0.51	19.97	<=30	Pass
			4	19.49	0.51	20.00	<=30	Pass
			7	19.56	0.51	20.07	<=30	Pass
		15	0	19.61	0.51	20.12	<=30	Pass
16QAM	1711.5	1	0	19.60	0.51	20.11	<=30	Pass
			7	19.63	0.51	20.14	<=30	Pass
			14	19.62	0.51	20.13	<=30	Pass
		8	0	18.77	0.51	19.28	<=30	Pass
			4	18.50	0.51	19.01	<=30	Pass
			7	18.62	0.51	19.13	<=30	Pass
		15	0	18.58	0.51	19.09	<=30	Pass
	1745	1	0	20.49	0.51	21.00	<=30	Pass
			7	20.46	0.51	20.97	<=30	Pass
			14	20.36	0.51	20.87	<=30	Pass
		8	0	19.57	0.51	20.08	<=30	Pass
			4	18.36	0.51	18.87	<=30	Pass
			7	18.31	0.51	18.82	<=30	Pass
		15	0	18.23	0.51	18.74	<=30	Pass
	1778.5	1	0	20.19	0.51	20.70	<=30	Pass
			7	20.23	0.51	20.74	<=30	Pass
			14	20.25	0.51	20.76	<=30	Pass
		8	0	19.38	0.51	19.89	<=30	Pass
			4	18.69	0.51	19.20	<=30	Pass
			7	18.58	0.51	19.09	<=30	Pass
		15	0	18.63	0.51	19.14	<=30	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.1.3 B66_5MHz_EIRP

Band: 66 / Bandwidth: 5MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1712.5	1	0	20.19	0.51	20.70	<=30	Pass
			13	20.18	0.51	20.69	<=30	Pass
			24	20.24	0.51	20.75	<=30	Pass
		12	0	19.33	0.51	19.84	<=30	Pass
			6	19.42	0.51	19.93	<=30	Pass
			13	19.31	0.51	19.82	<=30	Pass

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Page 2 of 196

BTF Testing Lab (Shenzhen) Co., Ltd.

Plant 101, 201 and 301, Building 1, Block 2, Tantou Industrial Park, Tantou Community, Songgang Street, Bao'an District, Shenzhen, Guangdong, China

Email: info@btf-lab.com

Tel: +86-755-23146130

<http://www.btf-lab.com>

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16QAM	1745	1	25	0	19.38	0.51	19.89	<=30	Pass
			1	0	20.27	0.51	20.78	<=30	Pass
				13	20.17	0.51	20.68	<=30	Pass
				24	20.32	0.51	20.83	<=30	Pass
		12	12	0	19.34	0.51	19.85	<=30	Pass
				6	19.39	0.51	19.90	<=30	Pass
				13	19.25	0.51	19.76	<=30	Pass
		25	25	0	19.32	0.51	19.83	<=30	Pass
				0	20.35	0.51	20.86	<=30	Pass
				13	20.37	0.51	20.88	<=30	Pass
				24	20.33	0.51	20.84	<=30	Pass
				0	19.44	0.51	19.95	<=30	Pass
				6	19.42	0.51	19.93	<=30	Pass
16QAM	1777.5	1	1	13	19.51	0.51	20.02	<=30	Pass
				25	0	19.51	20.02	<=30	Pass
				0	19.51	0.51	20.02	<=30	Pass
		12	12	0	19.86	0.51	20.37	<=30	Pass
				13	19.92	0.51	20.43	<=30	Pass
				24	19.97	0.51	20.48	<=30	Pass
		25	25	0	19.16	0.51	19.67	<=30	Pass
				6	18.72	0.51	19.23	<=30	Pass
				13	18.45	0.51	18.96	<=30	Pass
		1	1	0	18.42	0.51	18.93	<=30	Pass
				13	19.94	0.51	20.45	<=30	Pass
				24	19.90	0.51	20.41	<=30	Pass
		12	12	0	19.85	0.51	20.36	<=30	Pass
				6	19.32	0.51	19.83	<=30	Pass
				13	18.53	0.51	19.04	<=30	Pass
16QAM	1745	1	1	13	18.20	0.51	18.71	<=30	Pass
				25	0	18.23	18.74	<=30	Pass
				0	18.23	0.51	18.74	<=30	Pass
		12	12	0	19.16	0.51	19.67	<=30	Pass
				13	19.07	0.51	19.58	<=30	Pass
				24	19.11	0.51	19.62	<=30	Pass
		25	25	0	19.21	0.51	19.72	<=30	Pass
				6	18.70	0.51	19.21	<=30	Pass
				13	18.36	0.51	18.87	<=30	Pass
		1	1	0	18.60	0.51	19.11	<=30	Pass
				13	18.60	0.51	19.11	<=30	Pass
				24	18.60	0.51	19.11	<=30	Pass
		12	12	0	19.16	0.51	19.67	<=30	Pass
				13	19.07	0.51	19.58	<=30	Pass
				24	19.11	0.51	19.62	<=30	Pass
		25	25	0	19.21	0.51	19.72	<=30	Pass
				6	18.70	0.51	19.21	<=30	Pass
				13	18.36	0.51	18.87	<=30	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.1.4 B66_10MHz_EIRP

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	20.26	0.51	20.77	<=30	Pass
			25	20.26	0.51	20.77	<=30	Pass
			49	20.32	0.51	20.83	<=30	Pass
		25	0	19.37	0.51	19.88	<=30	Pass
			13	19.39	0.51	19.90	<=30	Pass
			25	19.42	0.51	19.93	<=30	Pass
		50	0	19.43	0.51	19.94	<=30	Pass
			0	20.33	0.51	20.84	<=30	Pass
			25	20.35	0.51	20.86	<=30	Pass
		1	25	20.39	0.51	20.90	<=30	Pass
			49	20.39	0.51	20.90	<=30	Pass
			0	19.41	0.51	19.92	<=30	Pass
QPSK	1745	25	13	19.27	0.51	19.78	<=30	Pass
			25	19.20	0.51	19.71	<=30	Pass
			0	19.31	0.51	19.82	<=30	Pass
		50	0	19.31	0.51	19.82	<=30	Pass
			0	19.31	0.51	19.82	<=30	Pass
			0	19.31	0.51	19.82	<=30	Pass
QPSK	1775	1	0	20.43	0.51	20.94	<=30	Pass
			0	20.43	0.51	20.94	<=30	Pass

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Page 3 of 196

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Plant 101, 201 and 301, Building 1, Block 2, Tantou Industrial Park, Tantou Community, Songgang Street, Bao'an District, Shenzhen, Guangdong, China

Email: info@btf-lab.com

Tel: +86-755-23146130

<http://www.btf-lab.com>

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16QAM	1715	25	25	20.40	0.51	20.91	<=30	Pass
			49	20.43	0.51	20.94	<=30	Pass
			0	19.51	0.51	20.02	<=30	Pass
			13	19.52	0.51	20.03	<=30	Pass
			25	19.42	0.51	19.93	<=30	Pass
		50	0	19.44	0.51	19.95	<=30	Pass
		1	0	19.62	0.51	20.13	<=30	Pass
			25	19.66	0.51	20.17	<=30	Pass
			49	19.66	0.51	20.17	<=30	Pass
			0	18.14	0.51	18.65	<=30	Pass
			13	18.37	0.51	18.88	<=30	Pass
			25	18.63	0.51	19.14	<=30	Pass
	1745	25	0	18.36	0.51	18.87	<=30	Pass
			0	20.13	0.51	20.64	<=30	Pass
			25	20.15	0.51	20.66	<=30	Pass
			49	20.08	0.51	20.59	<=30	Pass
			0	18.97	0.51	19.48	<=30	Pass
		1	13	18.29	0.51	18.80	<=30	Pass
			25	18.36	0.51	18.87	<=30	Pass
			25	18.30	0.51	18.81	<=30	Pass
			0	20.34	0.51	20.85	<=30	Pass
			25	20.35	0.51	20.86	<=30	Pass
	1775	1	49	20.38	0.51	20.89	<=30	Pass
			0	19.80	0.51	20.31	<=30	Pass
			13	18.62	0.51	19.13	<=30	Pass
			25	18.28	0.51	18.79	<=30	Pass
			25	18.48	0.51	18.99	<=30	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.1.5 B66_15MHz_EIRP

Band: 66 / Bandwidth: 15MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1717.5	1	0	20.18	0.51	20.69	<=30	Pass
			38	20.31	0.51	20.82	<=30	Pass
			74	20.34	0.51	20.85	<=30	Pass
		36	0	19.40	0.51	19.91	<=30	Pass
			18	19.42	0.51	19.93	<=30	Pass
			39	19.38	0.51	19.89	<=30	Pass
		75	0	19.51	0.51	20.02	<=30	Pass
	1745	1	0	20.30	0.51	20.81	<=30	Pass
			38	20.22	0.51	20.73	<=30	Pass
			74	20.33	0.51	20.84	<=30	Pass
		36	0	19.29	0.51	19.80	<=30	Pass
			18	19.34	0.51	19.85	<=30	Pass
			39	19.33	0.51	19.84	<=30	Pass
		75	0	19.38	0.51	19.89	<=30	Pass
	1772.5	1	0	20.26	0.51	20.77	<=30	Pass
			38	20.37	0.51	20.88	<=30	Pass
			74	20.52	0.51	21.03	<=30	Pass
		36	0	19.38	0.51	19.89	<=30	Pass
			18	19.44	0.51	19.95	<=30	Pass
			39	19.45	0.51	19.96	<=30	Pass
		75	0	19.48	0.51	19.99	<=30	Pass
16QAM	1717.5	1	0	20.04	0.51	20.55	<=30	Pass
			38	20.22	0.51	20.73	<=30	Pass
			74	20.18	0.51	20.69	<=30	Pass

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Page 4 of 196

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Plant 101, 201 and 301, Building 1, Block 2, Tantou Industrial Park, Tantou Community, Songgang Street, Bao'an District, Shenzhen, Guangdong, China

Email: info@btf-lab.com

Tel: +86-755-23146130

<http://www.btf-lab.com>

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		36	0	18.30	0.51	18.81	<=30	Pass
			18	18.27	0.51	18.78	<=30	Pass
			39	18.53	0.51	19.04	<=30	Pass
		75	0	18.29	0.51	18.80	<=30	Pass
	1745	1	0	20.66	0.51	21.17	<=30	Pass
			38	20.64	0.51	21.15	<=30	Pass
			74	20.61	0.51	21.12	<=30	Pass
		36	0	19.87	0.51	20.38	<=30	Pass
			18	18.31	0.51	18.82	<=30	Pass
			39	18.29	0.51	18.80	<=30	Pass
		75	0	18.27	0.51	18.78	<=30	Pass
	1772.5	1	0	20.31	0.51	20.82	<=30	Pass
			38	20.34	0.51	20.85	<=30	Pass
			74	20.46	0.51	20.97	<=30	Pass
		36	0	20.41	0.51	20.92	<=30	Pass
			18	18.65	0.51	19.16	<=30	Pass
			39	18.12	0.51	18.63	<=30	Pass
		75	0	18.50	0.51	19.01	<=30	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

Note1: EIRP=Conducted Power+Antenna Gain

1.1.6 B66_20MHz_EIRP

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	20.42	0.51	20.93	<=30	Pass
			50	20.48	0.51	20.99	<=30	Pass
			99	20.52	0.51	21.03	<=30	Pass
		50	0	19.37	0.51	19.88	<=30	Pass
			25	19.40	0.51	19.91	<=30	Pass
			50	19.49	0.51	20.00	<=30	Pass
		100	0	19.51	0.51	20.02	<=30	Pass
	1745	1	0	20.51	0.51	21.02	<=30	Pass
			50	20.47	0.51	20.98	<=30	Pass
			99	20.47	0.51	20.98	<=30	Pass
		50	0	19.36	0.51	19.87	<=30	Pass
			25	19.30	0.51	19.81	<=30	Pass
			50	19.24	0.51	19.75	<=30	Pass
		100	0	19.30	0.51	19.81	<=30	Pass
	1770	1	0	20.19	0.51	20.70	<=30	Pass
			50	20.36	0.51	20.87	<=30	Pass
			99	20.41	0.51	20.92	<=30	Pass
		50	0	19.29	0.51	19.80	<=30	Pass
			25	19.42	0.51	19.93	<=30	Pass
			50	19.45	0.51	19.96	<=30	Pass
		100	0	19.34	0.51	19.85	<=30	Pass
16QAM	1720	1	0	20.59	0.51	21.10	<=30	Pass
			50	20.74	0.51	21.25	<=30	Pass
			99	20.68	0.51	21.19	<=30	Pass
		50	0	18.33	0.51	18.84	<=30	Pass
			25	18.15	0.51	18.66	<=30	Pass
			50	18.65	0.51	19.16	<=30	Pass
		100	0	18.29	0.51	18.80	<=30	Pass
	1745	1	0	19.77	0.51	20.28	<=30	Pass
			50	19.65	0.51	20.16	<=30	Pass
			99	19.65	0.51	20.16	<=30	Pass
		50	0	18.60	0.51	19.11	<=30	Pass
			25	18.17	0.51	18.68	<=30	Pass

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Page 5 of 196

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Plant 101, 201 and 301, Building 1, Block 2, Tantou Industrial Park, Tantou Community, Songgang Street, Bao'an District, Shenzhen, Guangdong, China

Email: info@btf-lab.com

Tel: +86-755-23146130

<http://www.btf-lab.com>

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		100	50	18.26	0.51	18.77	<=30	Pass
			0	18.28	0.51	18.79	<=30	Pass
	1770	1	0	19.90	0.51	20.41	<=30	Pass
			50	20.02	0.51	20.53	<=30	Pass
			99	20.15	0.51	20.66	<=30	Pass
	50		0	20.68	0.51	21.19	<=30	Pass
			25	18.51	0.51	19.02	<=30	Pass
			50	18.24	0.51	18.75	<=30	Pass
	100		0	18.61	0.51	19.12	<=30	Pass
	Note1: EIRP=Conducted Power+Antenna Gain							

2. Frequency Stability

2.1 Test Result

2.1.1 B66_1.4MHz

Band: 66 / Bandwidth: 1.4MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1710.7	6	0	20	3.27	18.954	0.0111	-2.5 to 2.5	Pass
					3.85	21.243	0.0124	-2.5 to 2.5	Pass
					4.43	15.235	0.0089	-2.5 to 2.5	Pass
				-30	3.85	27.037	0.0158	-2.5 to 2.5	Pass
				-20	3.85	38.509	0.0225	-2.5 to 2.5	Pass
				-10	3.85	14.706	0.0086	-2.5 to 2.5	Pass
				0	3.85	29.812	0.0174	-2.5 to 2.5	Pass
				10	3.85	20.227	0.0118	-2.5 to 2.5	Pass
				30	3.85	-7.281	-0.0043	-2.5 to 2.5	Pass
				40	3.85	12.960	0.0076	-2.5 to 2.5	Pass
				50	3.85	34.761	0.0203	-2.5 to 2.5	Pass
	1745	6	0	20	3.27	24.090	0.0138	-2.5 to 2.5	Pass
					3.85	19.240	0.0110	-2.5 to 2.5	Pass
					4.43	26.050	0.0149	-2.5 to 2.5	Pass
				-30	3.85	36.764	0.0211	-2.5 to 2.5	Pass
				-20	3.85	-5.364	-0.0031	-2.5 to 2.5	Pass
				-10	3.85	6.967	0.0040	-2.5 to 2.5	Pass
				0	3.85	11.387	0.0065	-2.5 to 2.5	Pass
				10	3.85	18.053	0.0103	-2.5 to 2.5	Pass
				30	3.85	4.606	0.0026	-2.5 to 2.5	Pass
				40	3.85	-42.629	-0.0244	-2.5 to 2.5	Pass
				50	3.85	19.326	0.0111	-2.5 to 2.5	Pass
	1779.3	6	0	20	3.27	-4.663	-0.0026	-2.5 to 2.5	Pass
					3.85	-7.253	-0.0041	-2.5 to 2.5	Pass
					4.43	-27.251	-0.0153	-2.5 to 2.5	Pass
				-30	3.85	-2.489	-0.0014	-2.5 to 2.5	Pass
				-20	3.85	7.010	0.0039	-2.5 to 2.5	Pass
				-10	3.85	6.394	0.0036	-2.5 to 2.5	Pass
				0	3.85	5.751	0.0032	-2.5 to 2.5	Pass
				10	3.85	-3.333	-0.0019	-2.5 to 2.5	Pass
				30	3.85	-5.751	-0.0032	-2.5 to 2.5	Pass
				40	3.85	-6.080	-0.0034	-2.5 to 2.5	Pass
				50	3.85	-14.377	-0.0081	-2.5 to 2.5	Pass
16QAM	1710.7	6	0	20	3.27	19.898	0.0116	-2.5 to 2.5	Pass
					3.85	13.933	0.0081	-2.5 to 2.5	Pass
					4.43	34.132	0.0200	-2.5 to 2.5	Pass

				-30	3.85	28.038	0.0164	-2.5 to 2.5	Pass
				-20	3.85	-22.388	-0.0131	-2.5 to 2.5	Pass
				-10	3.85	4.377	0.0026	-2.5 to 2.5	Pass
				0	3.85	-6.623	-0.0039	-2.5 to 2.5	Pass
				10	3.85	30.313	0.0177	-2.5 to 2.5	Pass
				30	3.85	25.334	0.0148	-2.5 to 2.5	Pass
				40	3.85	19.512	0.0114	-2.5 to 2.5	Pass
				50	3.85	38.509	0.0225	-2.5 to 2.5	Pass
	1745	6	0	20	3.27	38.209	0.0219	-2.5 to 2.5	Pass
					3.85	6.909	0.0040	-2.5 to 2.5	Pass
					4.43	29.898	0.0171	-2.5 to 2.5	Pass
				-30	3.85	12.102	0.0069	-2.5 to 2.5	Pass
				-20	3.85	38.524	0.0221	-2.5 to 2.5	Pass
				-10	3.85	7.811	0.0045	-2.5 to 2.5	Pass
				0	3.85	34.361	0.0197	-2.5 to 2.5	Pass
				10	3.85	20.571	0.0118	-2.5 to 2.5	Pass
				30	3.85	37.079	0.0212	-2.5 to 2.5	Pass
				40	3.85	19.970	0.0114	-2.5 to 2.5	Pass
				50	3.85	29.640	0.0170	-2.5 to 2.5	Pass
	1779.3	6	0	20	3.27	11.888	0.0067	-2.5 to 2.5	Pass
					3.85	6.151	0.0035	-2.5 to 2.5	Pass
					4.43	-17.409	-0.0098	-2.5 to 2.5	Pass
				-30	3.85	-25.506	-0.0143	-2.5 to 2.5	Pass
				-20	3.85	-17.653	-0.0099	-2.5 to 2.5	Pass
				-10	3.85	-3.562	-0.0020	-2.5 to 2.5	Pass
				0	3.85	3.748	0.0021	-2.5 to 2.5	Pass
				10	3.85	-1.745	-0.0010	-2.5 to 2.5	Pass
				30	3.85	-29.011	-0.0163	-2.5 to 2.5	Pass
				40	3.85	-10.843	-0.0061	-2.5 to 2.5	Pass
				50	3.85	-11.816	-0.0066	-2.5 to 2.5	Pass

2.1.2 B66_3MHz

Band: 66 / Bandwidth: 3MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1711.5	15	0	20	3.27	-17.452	-0.0102	-2.5 to 2.5	Pass
					3.85	-12.574	-0.0073	-2.5 to 2.5	Pass
					4.43	-20.585	-0.0120	-2.5 to 2.5	Pass
				-30	3.85	-16.809	-0.0098	-2.5 to 2.5	Pass
				-20	3.85	-7.553	-0.0044	-2.5 to 2.5	Pass
				-10	3.85	-22.373	-0.0131	-2.5 to 2.5	Pass
				0	3.85	-25.520	-0.0149	-2.5 to 2.5	Pass
				10	3.85	5.121	0.0030	-2.5 to 2.5	Pass
				30	3.85	28.610	0.0167	-2.5 to 2.5	Pass
				40	3.85	24.676	0.0144	-2.5 to 2.5	Pass
	1745	15	0	20	3.85	37.436	0.0219	-2.5 to 2.5	Pass
					3.27	-3.247	-0.0019	-2.5 to 2.5	Pass
					3.85	-26.279	-0.0151	-2.5 to 2.5	Pass
					4.43	4.807	0.0028	-2.5 to 2.5	Pass
				-30	3.85	11.029	0.0063	-2.5 to 2.5	Pass
				-20	3.85	5.236	0.0030	-2.5 to 2.5	Pass
				-10	3.85	36.006	0.0206	-2.5 to 2.5	Pass
				0	3.85	19.484	0.0112	-2.5 to 2.5	Pass
				10	3.85	41.099	0.0236	-2.5 to 2.5	Pass
				30	3.85	24.118	0.0138	-2.5 to 2.5	Pass
				40	3.85	35.605	0.0204	-2.5 to 2.5	Pass
				50	3.85	-4.191	-0.0024	-2.5 to 2.5	Pass

16QAM	1778.5	15	0	20	3.27	16.680	0.0094	-2.5 to 2.5	Pass
					3.85	31.171	0.0175	-2.5 to 2.5	Pass
					4.43	13.518	0.0076	-2.5 to 2.5	Pass
				-30	3.85	6.552	0.0037	-2.5 to 2.5	Pass
				-20	3.85	2.518	0.0014	-2.5 to 2.5	Pass
				-10	3.85	-2.561	-0.0014	-2.5 to 2.5	Pass
				0	3.85	-4.749	-0.0027	-2.5 to 2.5	Pass
				10	3.85	-12.960	-0.0073	-2.5 to 2.5	Pass
				30	3.85	-15.006	-0.0084	-2.5 to 2.5	Pass
				40	3.85	-33.989	-0.0191	-2.5 to 2.5	Pass
				50	3.85	-8.969	-0.0050	-2.5 to 2.5	Pass
	1711.5	15	0	20	3.27	11.444	0.0067	-2.5 to 2.5	Pass
					3.85	18.396	0.0107	-2.5 to 2.5	Pass
					4.43	24.118	0.0141	-2.5 to 2.5	Pass
				-30	3.85	10.629	0.0062	-2.5 to 2.5	Pass
				-20	3.85	12.989	0.0076	-2.5 to 2.5	Pass
				-10	3.85	7.052	0.0041	-2.5 to 2.5	Pass
				0	3.85	35.434	0.0207	-2.5 to 2.5	Pass
				10	3.85	7.539	0.0044	-2.5 to 2.5	Pass
				30	3.85	22.001	0.0129	-2.5 to 2.5	Pass
				40	3.85	26.722	0.0156	-2.5 to 2.5	Pass
				50	3.85	34.275	0.0200	-2.5 to 2.5	Pass
	1745	15	0	20	3.27	8.683	0.0050	-2.5 to 2.5	Pass
					3.85	23.546	0.0135	-2.5 to 2.5	Pass
					4.43	5.350	0.0031	-2.5 to 2.5	Pass
				-30	3.85	28.195	0.0162	-2.5 to 2.5	Pass
				-20	3.85	21.315	0.0122	-2.5 to 2.5	Pass
				-10	3.85	3.648	0.0021	-2.5 to 2.5	Pass
				0	3.85	1.516	0.0009	-2.5 to 2.5	Pass
				10	3.85	39.854	0.0228	-2.5 to 2.5	Pass
				30	3.85	1.030	0.0006	-2.5 to 2.5	Pass
				40	3.85	35.706	0.0205	-2.5 to 2.5	Pass
				50	3.85	14.949	0.0086	-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	-0.072	0.0000	-2.5 to 2.5	Pass
					4.43	17.309	0.0097	-2.5 to 2.5	Pass
				-30	3.85	16.222	0.0091	-2.5 to 2.5	Pass
				-20	3.85	34.246	0.0193	-2.5 to 2.5	Pass
				-10	3.85	22.087	0.0124	-2.5 to 2.5	Pass
				0	3.85	37.680	0.0212	-2.5 to 2.5	Pass
				10	3.85	18.468	0.0104	-2.5 to 2.5	Pass
				30	3.85	43.159	0.0243	-2.5 to 2.5	Pass
				40	3.85	3.948	0.0022	-2.5 to 2.5	Pass
				50	3.85	22.588	0.0127	-2.5 to 2.5	Pass

2.1.3 B66_5MHz

Band: 66 / Bandwidth: 5MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1712.5	25	0	20	3.27	-27.094	-0.0158	-2.5 to 2.5	Pass
					3.85	-23.918	-0.0140	-2.5 to 2.5	Pass
					4.43	-27.251	-0.0159	-2.5 to 2.5	Pass
				-30	3.85	-14.105	-0.0082	-2.5 to 2.5	Pass
				-20	3.85	-23.260	-0.0136	-2.5 to 2.5	Pass
				-10	3.85	-30.956	-0.0181	-2.5 to 2.5	Pass
				0	3.85	-14.820	-0.0087	-2.5 to 2.5	Pass
				10	3.85	-33.059	-0.0193	-2.5 to 2.5	Pass

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Page 8 of 196

BTF Testing Lab (Shenzhen) Co., Ltd.

Plant 101, 201 and 301, Building 1, Block 2, Tantou Industrial Park, Tantou Community, Songgang Street, Bao'an District, Shenzhen, Guangdong, China

Email: info@btf-lab.com

Tel: +86-755-23146130

<http://www.btf-lab.com>

Version: 1/00

16QAM	1745	25	0	30	3.85	-36.736	-0.0215	-2.5 to 2.5	Pass
				40	3.85	-27.695	-0.0162	-2.5 to 2.5	Pass
				50	3.85	-15.421	-0.0090	-2.5 to 2.5	Pass
				20	3.27	20.428	0.0117	-2.5 to 2.5	Pass
					3.85	11.115	0.0064	-2.5 to 2.5	Pass
					4.43	22.917	0.0131	-2.5 to 2.5	Pass
				-30	3.85	21.458	0.0123	-2.5 to 2.5	Pass
				-20	3.85	-2.775	-0.0016	-2.5 to 2.5	Pass
				-10	3.85	27.881	0.0160	-2.5 to 2.5	Pass
				0	3.85	22.988	0.0132	-2.5 to 2.5	Pass
				10	3.85	0.429	0.0002	-2.5 to 2.5	Pass
				30	3.85	5.207	0.0030	-2.5 to 2.5	Pass
				40	3.85	22.259	0.0128	-2.5 to 2.5	Pass
				50	3.85	12.159	0.0070	-2.5 to 2.5	Pass
	1777.5	25	0	20	3.27	6.537	0.0037	-2.5 to 2.5	Pass
					3.85	-6.309	-0.0035	-2.5 to 2.5	Pass
					4.43	1.359	0.0008	-2.5 to 2.5	Pass
				-30	3.85	19.183	0.0108	-2.5 to 2.5	Pass
				-20	3.85	-1.345	-0.0008	-2.5 to 2.5	Pass
				-10	3.85	-22.788	-0.0128	-2.5 to 2.5	Pass
				0	3.85	-38.338	-0.0216	-2.5 to 2.5	Pass
				10	3.85	-7.439	-0.0042	-2.5 to 2.5	Pass
				30	3.85	15.850	0.0089	-2.5 to 2.5	Pass
				40	3.85	25.320	0.0142	-2.5 to 2.5	Pass
				50	3.85	32.687	0.0184	-2.5 to 2.5	Pass
	1712.5	25	0	20	3.27	-7.396	-0.0043	-2.5 to 2.5	Pass
					3.85	-16.136	-0.0094	-2.5 to 2.5	Pass
					4.43	-19.026	-0.0111	-2.5 to 2.5	Pass
				-30	3.85	24.276	0.0142	-2.5 to 2.5	Pass
				-20	3.85	28.853	0.0168	-2.5 to 2.5	Pass
				-10	3.85	15.063	0.0088	-2.5 to 2.5	Pass
				0	3.85	-3.362	-0.0020	-2.5 to 2.5	Pass
				10	3.85	33.903	0.0198	-2.5 to 2.5	Pass
				30	3.85	26.679	0.0156	-2.5 to 2.5	Pass
				40	3.85	17.123	0.0100	-2.5 to 2.5	Pass
				50	3.85	27.766	0.0162	-2.5 to 2.5	Pass
	1745	25	0	20	3.27	6.852	0.0039	-2.5 to 2.5	Pass
					3.85	33.789	0.0194	-2.5 to 2.5	Pass
					4.43	26.336	0.0151	-2.5 to 2.5	Pass
				-30	3.85	12.002	0.0069	-2.5 to 2.5	Pass
				-20	3.85	10.071	0.0058	-2.5 to 2.5	Pass
				-10	3.85	38.266	0.0219	-2.5 to 2.5	Pass
				0	3.85	10.972	0.0063	-2.5 to 2.5	Pass
				10	3.85	35.548	0.0204	-2.5 to 2.5	Pass
				30	3.85	30.112	0.0173	-2.5 to 2.5	Pass
				40	3.85	20.328	0.0116	-2.5 to 2.5	Pass
				50	3.85	-2.117	-0.0012	-2.5 to 2.5	Pass
	1777.5	25	0	20	3.27	20.514	0.0115	-2.5 to 2.5	Pass
					3.85	39.110	0.0220	-2.5 to 2.5	Pass
					4.43	-0.887	-0.0005	-2.5 to 2.5	Pass
				-30	3.85	28.939	0.0163	-2.5 to 2.5	Pass
				-20	3.85	11.559	0.0065	-2.5 to 2.5	Pass
				-10	3.85	-25.263	-0.0142	-2.5 to 2.5	Pass
				0	3.85	-10.257	-0.0058	-2.5 to 2.5	Pass
				10	3.85	26.135	0.0147	-2.5 to 2.5	Pass
				30	3.85	32.358	0.0182	-2.5 to 2.5	Pass
				40	3.85	22.230	0.0125	-2.5 to 2.5	Pass
				50	3.85	6.795	0.0038	-2.5 to 2.5	Pass

2.1.4 B66_10MHz

Band: 66 / Bandwidth: 10MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1715	50	0	20	3.27	-25.463	-0.0148	-2.5 to 2.5	Pass
					3.85	-23.990	-0.0140	-2.5 to 2.5	Pass
					4.43	-11.444	-0.0067	-2.5 to 2.5	Pass
				-30	3.85	-33.517	-0.0195	-2.5 to 2.5	Pass
				-20	3.85	-15.035	-0.0088	-2.5 to 2.5	Pass
				-10	3.85	-22.874	-0.0133	-2.5 to 2.5	Pass
				0	3.85	0.801	0.0005	-2.5 to 2.5	Pass
				10	3.85	-6.094	-0.0036	-2.5 to 2.5	Pass
				30	3.85	-10.014	-0.0058	-2.5 to 2.5	Pass
				40	3.85	-12.159	-0.0071	-2.5 to 2.5	Pass
				50	3.85	-38.452	-0.0224	-2.5 to 2.5	Pass
	1745	50	0	20	3.27	41.070	0.0235	-2.5 to 2.5	Pass
					3.85	32.344	0.0185	-2.5 to 2.5	Pass
					4.43	22.845	0.0131	-2.5 to 2.5	Pass
				-30	3.85	14.062	0.0081	-2.5 to 2.5	Pass
				-20	3.85	39.039	0.0224	-2.5 to 2.5	Pass
				-10	3.85	26.121	0.0150	-2.5 to 2.5	Pass
				0	3.85	12.803	0.0073	-2.5 to 2.5	Pass
				10	3.85	-33.331	-0.0191	-2.5 to 2.5	Pass
				30	3.85	14.963	0.0086	-2.5 to 2.5	Pass
				40	3.85	13.332	0.0076	-2.5 to 2.5	Pass
				50	3.85	9.956	0.0057	-2.5 to 2.5	Pass
	1775	50	0	20	3.27	20.528	0.0116	-2.5 to 2.5	Pass
					3.85	41.828	0.0236	-2.5 to 2.5	Pass
					4.43	14.691	0.0083	-2.5 to 2.5	Pass
				-30	3.85	11.287	0.0064	-2.5 to 2.5	Pass
				-20	3.85	12.946	0.0073	-2.5 to 2.5	Pass
				-10	3.85	8.669	0.0049	-2.5 to 2.5	Pass
				0	3.85	8.039	0.0045	-2.5 to 2.5	Pass
				10	3.85	2.832	0.0016	-2.5 to 2.5	Pass
				30	3.85	4.549	0.0026	-2.5 to 2.5	Pass
				40	3.85	-6.595	-0.0037	-2.5 to 2.5	Pass
16QAM	1715	50	0	20	3.27	11.559	0.0067	-2.5 to 2.5	Pass
					3.85	19.412	0.0113	-2.5 to 2.5	Pass
					4.43	21.729	0.0127	-2.5 to 2.5	Pass
				-30	3.85	31.915	0.0186	-2.5 to 2.5	Pass
				-20	3.85	28.267	0.0165	-2.5 to 2.5	Pass
				-10	3.85	8.540	0.0050	-2.5 to 2.5	Pass
				0	3.85	11.773	0.0069	-2.5 to 2.5	Pass
				10	3.85	37.794	0.0220	-2.5 to 2.5	Pass
				30	3.85	8.798	0.0051	-2.5 to 2.5	Pass
				40	3.85	15.306	0.0089	-2.5 to 2.5	Pass
				50	3.85	32.859	0.0192	-2.5 to 2.5	Pass
	1745	50	0	20	3.27	-12.131	-0.0070	-2.5 to 2.5	Pass
					3.85	8.883	0.0051	-2.5 to 2.5	Pass
					4.43	2.046	0.0012	-2.5 to 2.5	Pass
				-30	3.85	3.977	0.0023	-2.5 to 2.5	Pass
				-20	3.85	37.808	0.0217	-2.5 to 2.5	Pass
				-10	3.85	37.494	0.0215	-2.5 to 2.5	Pass
				0	3.85	29.039	0.0166	-2.5 to 2.5	Pass
				10	3.85	35.276	0.0202	-2.5 to 2.5	Pass
				30	3.85	-22.287	-0.0128	-2.5 to 2.5	Pass
				40	3.85	20.056	0.0115	-2.5 to 2.5	Pass

	1775	50	0	50	3.85	20.800	0.0119	-2.5 to 2.5	Pass
				20	3.27	-4.063	-0.0023	-2.5 to 2.5	Pass
					3.85	14.691	0.0083	-2.5 to 2.5	Pass
					4.43	37.708	0.0212	-2.5 to 2.5	Pass
				-30	3.85	6.294	0.0035	-2.5 to 2.5	Pass
				-20	3.85	-4.478	-0.0025	-2.5 to 2.5	Pass
				-10	3.85	25.635	0.0144	-2.5 to 2.5	Pass
				0	3.85	11.802	0.0066	-2.5 to 2.5	Pass
				10	3.85	32.086	0.0181	-2.5 to 2.5	Pass
				30	3.85	-24.762	-0.0140	-2.5 to 2.5	Pass
				40	3.85	-23.360	-0.0132	-2.5 to 2.5	Pass
				50	3.85	-26.679	-0.0150	-2.5 to 2.5	Pass

2.1.5 B66_15MHz

Band: 66 / Bandwidth: 15MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1717.5	75	0	20	3.27	-10.943	-0.0064	-2.5 to 2.5	Pass
					3.85	3.963	0.0023	-2.5 to 2.5	Pass
					4.43	-26.150	-0.0152	-2.5 to 2.5	Pass
				-30	3.85	-15.979	-0.0093	-2.5 to 2.5	Pass
				-20	3.85	-28.496	-0.0166	-2.5 to 2.5	Pass
				-10	3.85	-21.987	-0.0128	-2.5 to 2.5	Pass
				0	3.85	-26.565	-0.0155	-2.5 to 2.5	Pass
				10	3.85	-20.170	-0.0117	-2.5 to 2.5	Pass
				30	3.85	21.086	0.0123	-2.5 to 2.5	Pass
				40	3.85	19.870	0.0116	-2.5 to 2.5	Pass
				50	3.85	18.497	0.0108	-2.5 to 2.5	Pass
	1745	75	0	20	3.27	10.543	0.0060	-2.5 to 2.5	Pass
					3.85	23.789	0.0136	-2.5 to 2.5	Pass
					4.43	16.923	0.0097	-2.5 to 2.5	Pass
				-30	3.85	38.581	0.0221	-2.5 to 2.5	Pass
				-20	3.85	30.355	0.0174	-2.5 to 2.5	Pass
				-10	3.85	29.926	0.0171	-2.5 to 2.5	Pass
				0	3.85	42.715	0.0245	-2.5 to 2.5	Pass
				10	3.85	31.815	0.0182	-2.5 to 2.5	Pass
				30	3.85	7.253	0.0042	-2.5 to 2.5	Pass
				40	3.85	24.734	0.0142	-2.5 to 2.5	Pass
				50	3.85	7.253	0.0042	-2.5 to 2.5	Pass
	1772.5	75	0	20	3.27	14.119	0.0080	-2.5 to 2.5	Pass
					3.85	3.161	0.0018	-2.5 to 2.5	Pass
					4.43	16.680	0.0094	-2.5 to 2.5	Pass
				-30	3.85	30.427	0.0172	-2.5 to 2.5	Pass
				-20	3.85	40.169	0.0227	-2.5 to 2.5	Pass
				-10	3.85	36.950	0.0208	-2.5 to 2.5	Pass
				0	3.85	44.475	0.0251	-2.5 to 2.5	Pass
				10	3.85	42.801	0.0241	-2.5 to 2.5	Pass
				30	3.85	0.830	0.0005	-2.5 to 2.5	Pass
				40	3.85	-0.329	-0.0002	-2.5 to 2.5	Pass
				50	3.85	5.093	0.0029	-2.5 to 2.5	Pass
16QAM	1717.5	75	0	20	3.27	14.634	0.0085	-2.5 to 2.5	Pass
					3.85	28.725	0.0167	-2.5 to 2.5	Pass
					4.43	3.877	0.0023	-2.5 to 2.5	Pass
				-30	3.85	13.890	0.0081	-2.5 to 2.5	Pass
				-20	3.85	7.482	0.0044	-2.5 to 2.5	Pass
				-10	3.85	13.003	0.0076	-2.5 to 2.5	Pass
				0	3.85	28.238	0.0164	-2.5 to 2.5	Pass

				10	3.85	1.473	0.0009	-2.5 to 2.5	Pass
				30	3.85	11.845	0.0069	-2.5 to 2.5	Pass
				40	3.85	9.828	0.0057	-2.5 to 2.5	Pass
				50	3.85	-5.765	-0.0034	-2.5 to 2.5	Pass
	1745	75	0	20	3.27	-41.699	-0.0239	-2.5 to 2.5	Pass
					3.85	17.252	0.0099	-2.5 to 2.5	Pass
					4.43	12.903	0.0074	-2.5 to 2.5	Pass
				-30	3.85	25.835	0.0148	-2.5 to 2.5	Pass
				-20	3.85	26.765	0.0153	-2.5 to 2.5	Pass
				-10	3.85	25.835	0.0148	-2.5 to 2.5	Pass
				0	3.85	6.781	0.0039	-2.5 to 2.5	Pass
				10	3.85	39.926	0.0229	-2.5 to 2.5	Pass
				30	3.85	15.435	0.0088	-2.5 to 2.5	Pass
				40	3.85	6.967	0.0040	-2.5 to 2.5	Pass
				50	3.85	27.895	0.0160	-2.5 to 2.5	Pass
	1772.5	75	0	20	3.27	-18.797	-0.0106	-2.5 to 2.5	Pass
					3.85	-21.286	-0.0120	-2.5 to 2.5	Pass
					4.43	-27.981	-0.0158	-2.5 to 2.5	Pass
				-30	3.85	-24.490	-0.0138	-2.5 to 2.5	Pass
				-20	3.85	-18.311	-0.0103	-2.5 to 2.5	Pass
				-10	3.85	-22.130	-0.0125	-2.5 to 2.5	Pass
				0	3.85	-27.552	-0.0155	-2.5 to 2.5	Pass
				10	3.85	-22.659	-0.0128	-2.5 to 2.5	Pass
				30	3.85	-16.494	-0.0093	-2.5 to 2.5	Pass
				40	3.85	-27.781	-0.0157	-2.5 to 2.5	Pass
				50	3.85	-21.729	-0.0123	-2.5 to 2.5	Pass

2.1.6 B66_20MHz

Band: 66 / Bandwidth: 20MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1720	100	0	20	3.27	19.641	0.0114	-2.5 to 2.5	Pass
					3.85	28.167	0.0164	-2.5 to 2.5	Pass
					4.43	19.755	0.0115	-2.5 to 2.5	Pass
				-30	3.85	15.793	0.0092	-2.5 to 2.5	Pass
				-20	3.85	34.447	0.0200	-2.5 to 2.5	Pass
				-10	3.85	39.082	0.0227	-2.5 to 2.5	Pass
				0	3.85	31.242	0.0182	-2.5 to 2.5	Pass
				10	3.85	-0.043	0.0000	-2.5 to 2.5	Pass
				30	3.85	10.142	0.0059	-2.5 to 2.5	Pass
				40	3.85	24.304	0.0141	-2.5 to 2.5	Pass
				50	3.85	15.421	0.0090	-2.5 to 2.5	Pass
	1745	100	0	20	3.27	21.987	0.0126	-2.5 to 2.5	Pass
					3.85	28.081	0.0161	-2.5 to 2.5	Pass
					4.43	6.051	0.0035	-2.5 to 2.5	Pass
				-30	3.85	10.986	0.0063	-2.5 to 2.5	Pass
				-20	3.85	31.528	0.0181	-2.5 to 2.5	Pass
				-10	3.85	38.681	0.0222	-2.5 to 2.5	Pass
				0	3.85	-4.020	-0.0023	-2.5 to 2.5	Pass
				10	3.85	-6.137	-0.0035	-2.5 to 2.5	Pass
				30	3.85	-33.574	-0.0192	-2.5 to 2.5	Pass
				40	3.85	0.644	0.0004	-2.5 to 2.5	Pass
				50	3.85	30.799	0.0176	-2.5 to 2.5	Pass
	1770	100	0	20	3.27	-5.693	-0.0032	-2.5 to 2.5	Pass
					3.85	-12.860	-0.0073	-2.5 to 2.5	Pass
					4.43	-4.520	-0.0026	-2.5 to 2.5	Pass
				-30	3.85	11.959	0.0068	-2.5 to 2.5	Pass

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Page 12 of 196

BTF Testing Lab (Shenzhen) Co., Ltd.

Plant 101, 201 and 301, Building 1, Block 2, Tantou Industrial Park, Tantou Community, Songgang Street, Bao'an District, Shenzhen, Guangdong, China

Email: info@btf-lab.com

Tel: +86-755-23146130

<http://www.btf-lab.com>

Version: 1/00

				-20	3.85	-41.256	-0.0233	-2.5 to 2.5	Pass
				-10	3.85	-1.616	-0.0009	-2.5 to 2.5	Pass
				0	3.85	-18.468	-0.0104	-2.5 to 2.5	Pass
				10	3.85	-18.411	-0.0104	-2.5 to 2.5	Pass
				30	3.85	-11.244	-0.0064	-2.5 to 2.5	Pass
				40	3.85	-40.483	-0.0229	-2.5 to 2.5	Pass
				50	3.85	-14.620	-0.0083	-2.5 to 2.5	Pass
16QAM	1720	100	0	20	3.27	-12.488	-0.0073	-2.5 to 2.5	Pass
					3.85	-1.159	-0.0007	-2.5 to 2.5	Pass
					4.43	9.599	0.0056	-2.5 to 2.5	Pass
				-30	3.85	10.085	0.0059	-2.5 to 2.5	Pass
				-20	3.85	22.559	0.0131	-2.5 to 2.5	Pass
				-10	3.85	8.011	0.0047	-2.5 to 2.5	Pass
				0	3.85	-7.539	-0.0044	-2.5 to 2.5	Pass
				10	3.85	27.995	0.0163	-2.5 to 2.5	Pass
				30	3.85	18.783	0.0109	-2.5 to 2.5	Pass
				40	3.85	-0.558	-0.0003	-2.5 to 2.5	Pass
	50	3.85	-2.990	-0.0017	-2.5 to 2.5	Pass			
	1745	100	0	20	3.27	-2.732	-0.0016	-2.5 to 2.5	Pass
					3.85	-20.742	-0.0119	-2.5 to 2.5	Pass
					4.43	-24.605	-0.0141	-2.5 to 2.5	Pass
				-30	3.85	-15.750	-0.0090	-2.5 to 2.5	Pass
				-20	3.85	-28.968	-0.0166	-2.5 to 2.5	Pass
				-10	3.85	-21.729	-0.0125	-2.5 to 2.5	Pass
				0	3.85	-4.177	-0.0024	-2.5 to 2.5	Pass
				10	3.85	-12.488	-0.0072	-2.5 to 2.5	Pass
				30	3.85	10.958	0.0063	-2.5 to 2.5	Pass
				40	3.85	-26.064	-0.0149	-2.5 to 2.5	Pass
	50	3.85	-15.292	-0.0088	-2.5 to 2.5	Pass			
	1770	100	0	20	3.27	-8.698	-0.0049	-2.5 to 2.5	Pass
					3.85	-3.033	-0.0017	-2.5 to 2.5	Pass
					4.43	-32.315	-0.0183	-2.5 to 2.5	Pass
				-30	3.85	-13.561	-0.0077	-2.5 to 2.5	Pass
				-20	3.85	16.794	0.0095	-2.5 to 2.5	Pass
				-10	3.85	16.966	0.0096	-2.5 to 2.5	Pass
				0	3.85	23.789	0.0134	-2.5 to 2.5	Pass
				10	3.85	28.667	0.0162	-2.5 to 2.5	Pass
				30	3.85	8.211	0.0046	-2.5 to 2.5	Pass
				40	3.85	12.932	0.0073	-2.5 to 2.5	Pass
	50	3.85	9.556	0.0054	-2.5 to 2.5	Pass			

3. Modulation Characteristics

3.1 Test Result

3.1.1 B66_1.4MHz

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

3.1.2 B66_3MHz

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

3.1.3 B66_5MHz

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

3.1.4 B66_10MHz

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

3.1.5 B66_15MHz

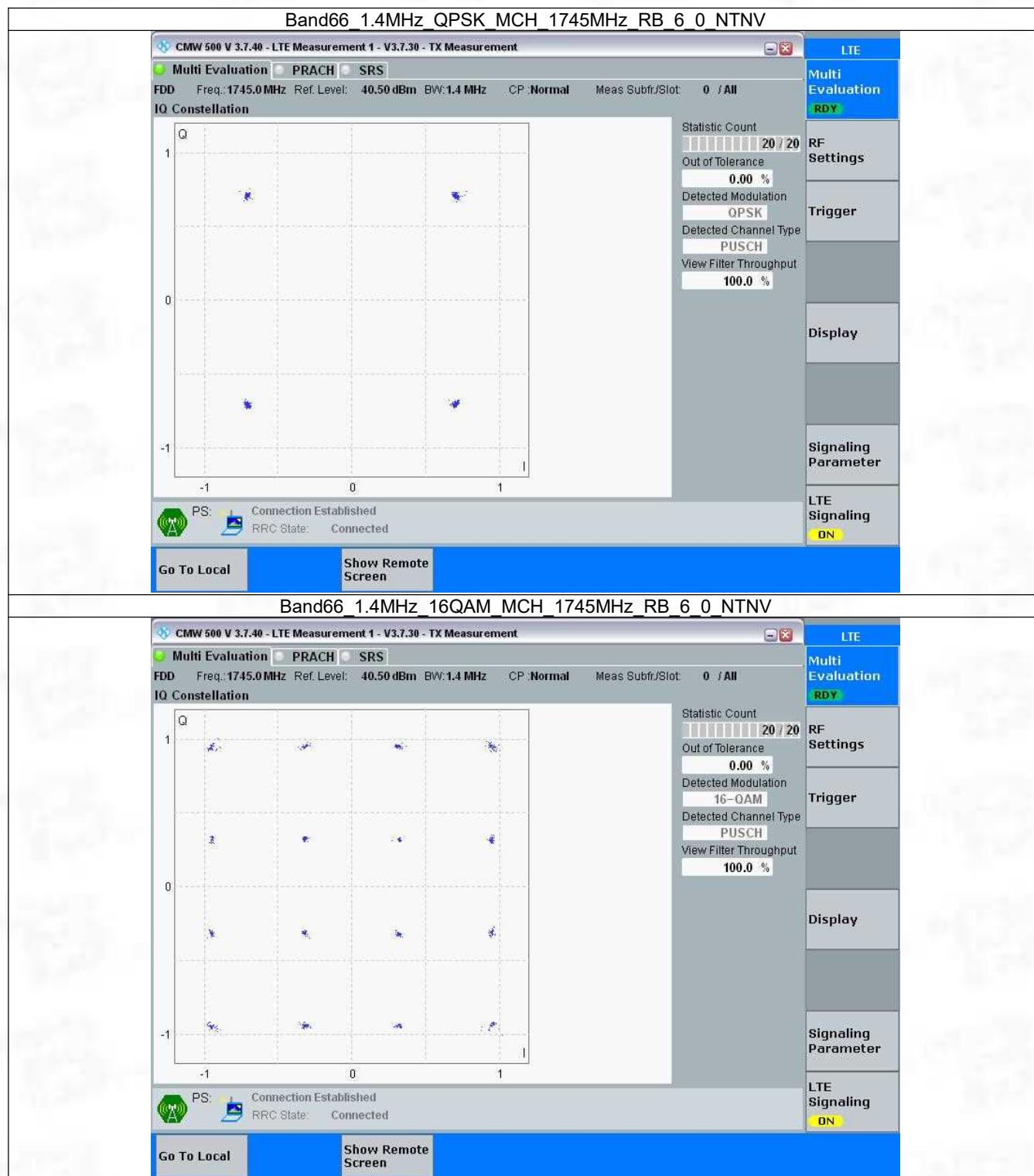
Band: 66 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1745	75	0	Refer To Test Graph		Pass
16QAM	1745	75	0	Refer To Test Graph		Pass

3.1.6 B66_20MHz

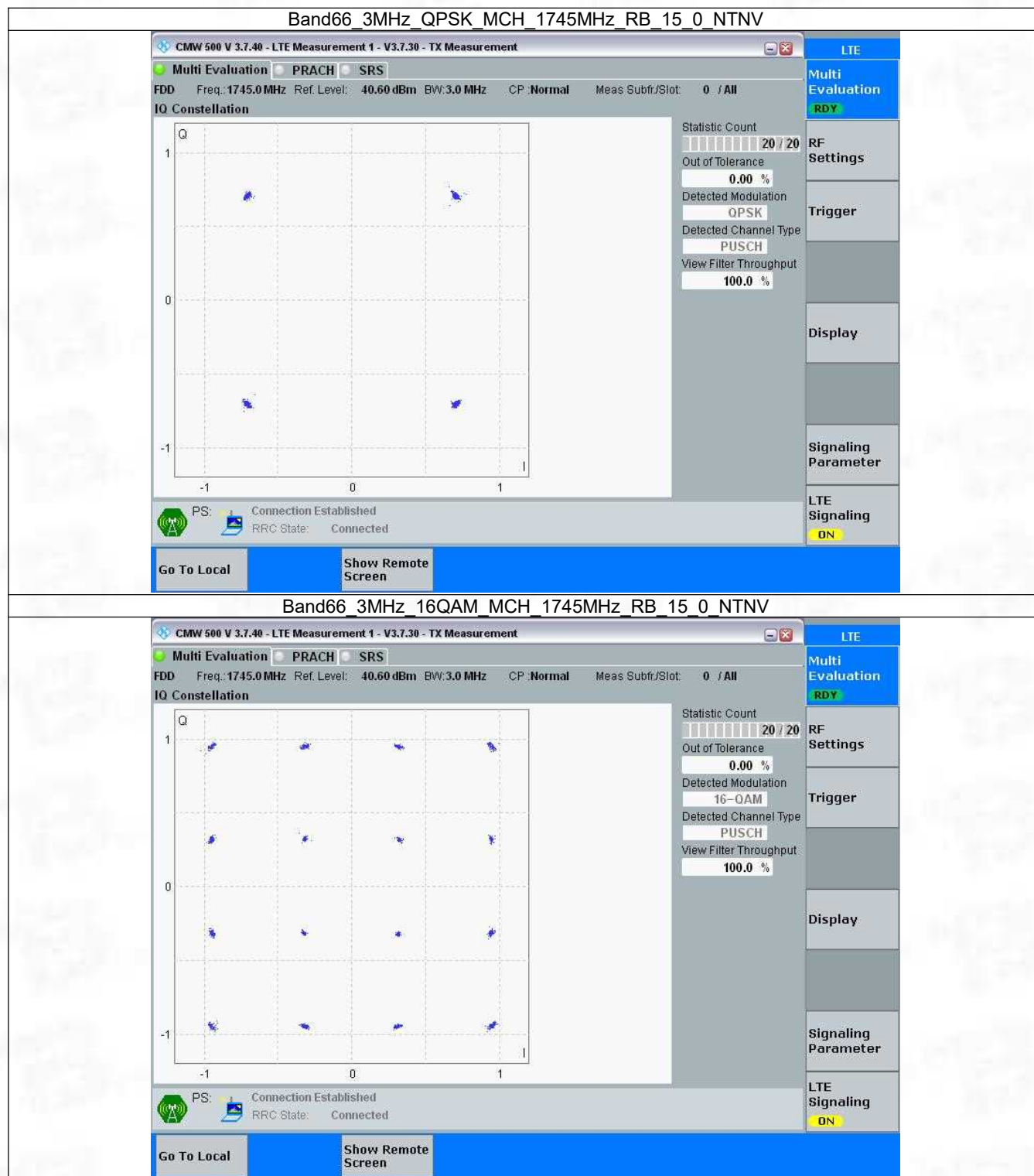
Band: 66 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1745	100	0	Refer To Test Graph		Pass
16QAM	1745	100	0	Refer To Test Graph		Pass

3.2 Test Graph

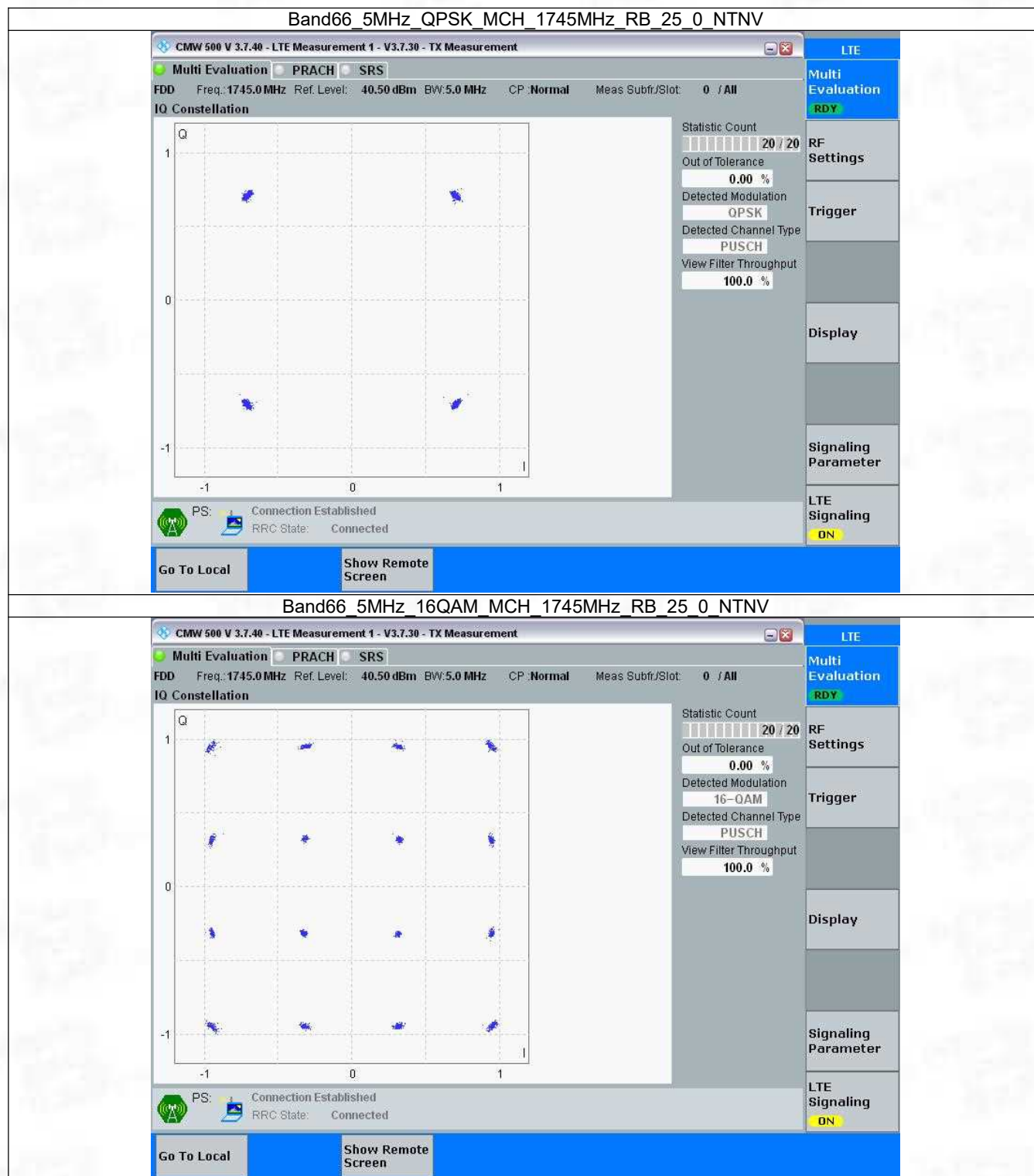
3.2.1 B66_1.4MHz



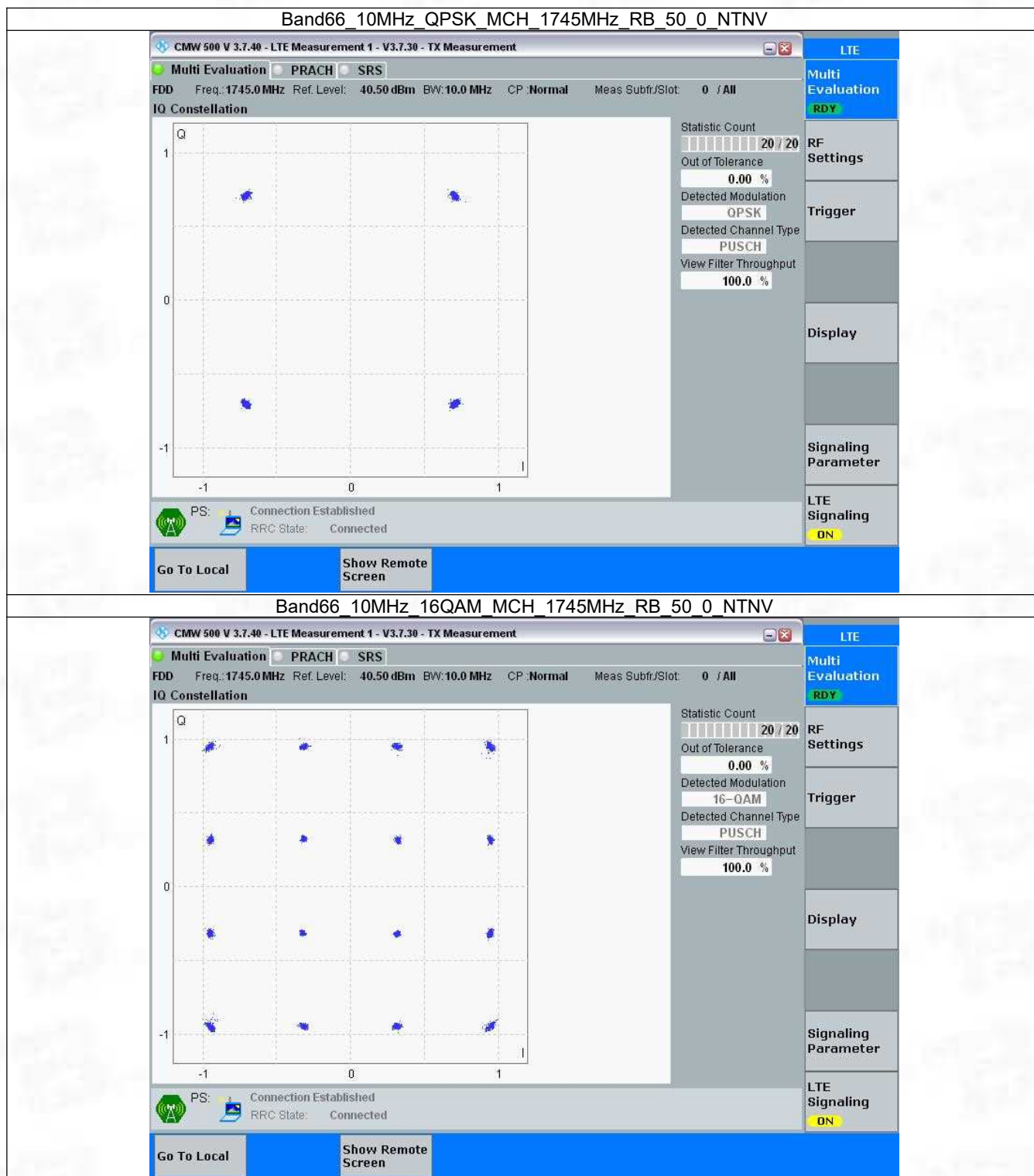
3.2.2 B66_3MHz



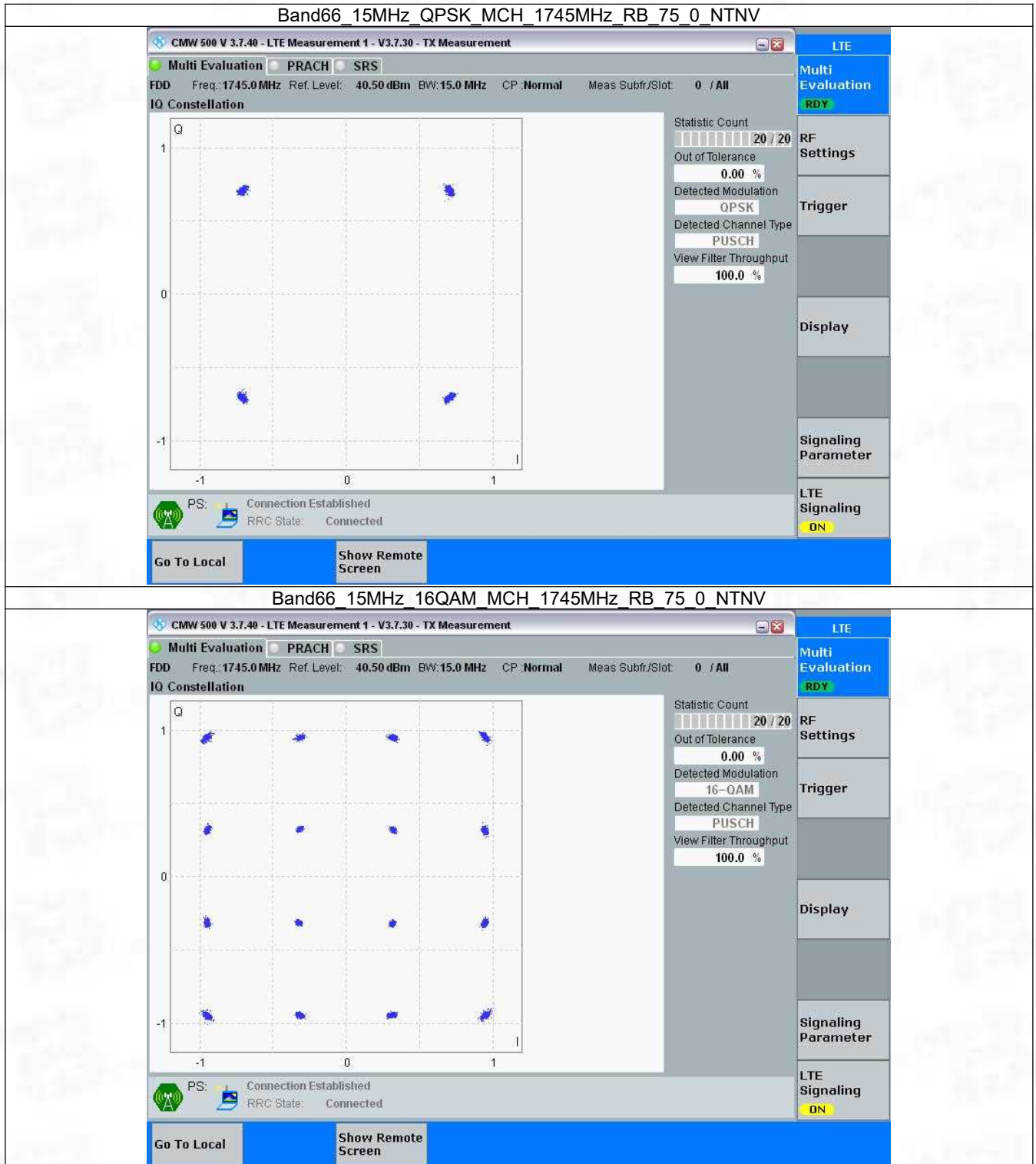
3.2.3 B66_5MHz



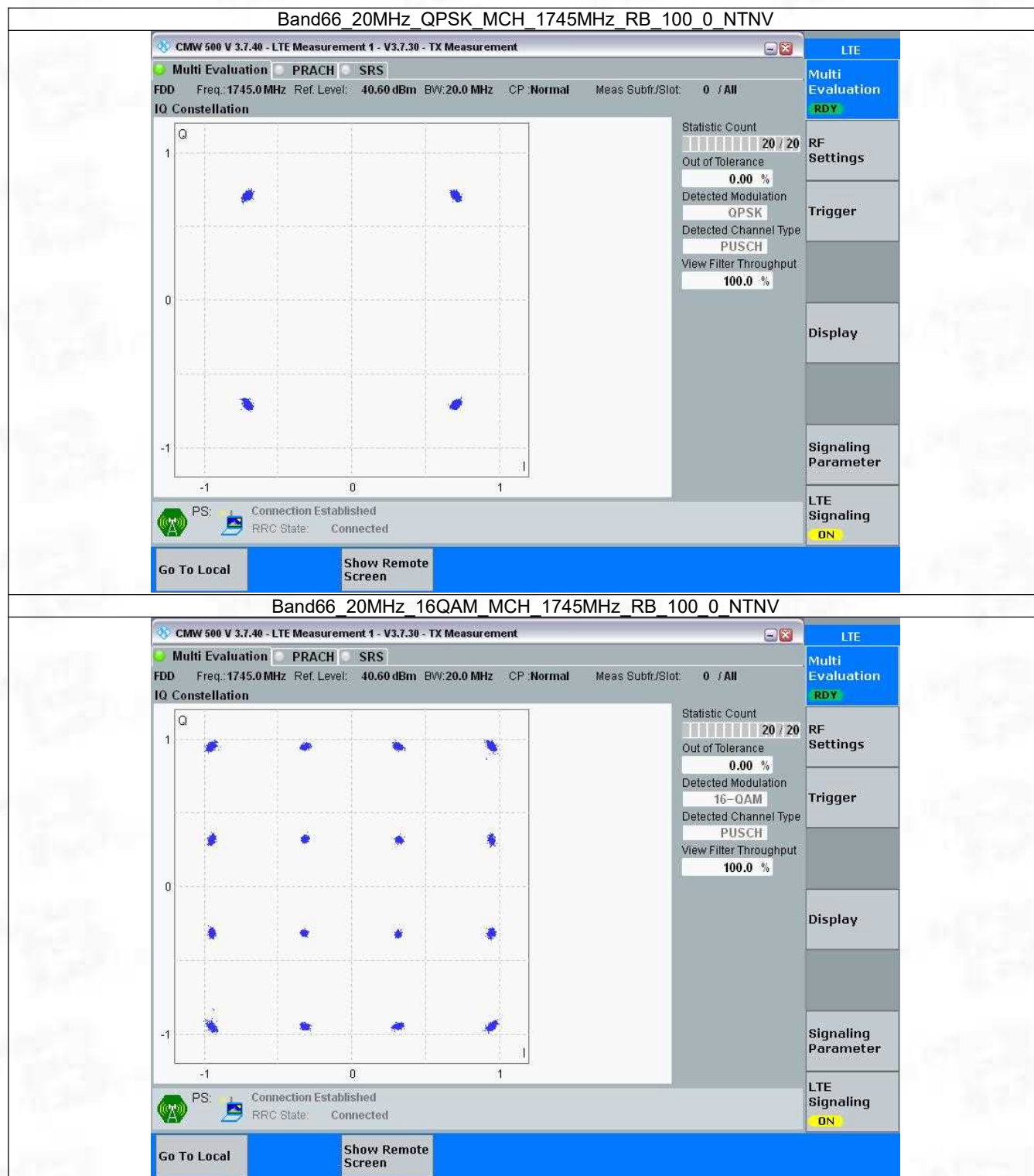
3.2.4 B66_10MHz



3.2.5 B66_15MHz



3.2.6 B66_20MHz



4. 99% & 26dB Bandwidth

4.1 Test Result

4.1.1 Band66_OBW

Band: 66 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1710.7	6	0	1.111	/	Pass
		1745	6	0	1.111	/	Pass
		1779.3	6	0	1.104	/	Pass
	16QAM	1710.7	6	0	1.107	/	Pass
		1745	6	0	1.115	/	Pass
		1779.3	6	0	1.103	/	Pass
3	QPSK	1711.5	15	0	2.747	/	Pass
		1745	15	0	2.752	/	Pass
		1778.5	15	0	2.742	/	Pass
	16QAM	1711.5	15	0	2.752	/	Pass
		1745	15	0	2.766	/	Pass
		1778.5	15	0	2.754	/	Pass
5	QPSK	1712.5	25	0	4.542	/	Pass
		1745	25	0	4.554	/	Pass
		1777.5	25	0	4.564	/	Pass
	16QAM	1712.5	25	0	4.546	/	Pass
		1745	25	0	4.544	/	Pass
		1777.5	25	0	4.559	/	Pass
10	QPSK	1715	50	0	9.074	/	Pass
		1745	50	0	9.069	/	Pass
		1775	50	0	9.037	/	Pass
	16QAM	1715	50	0	9.049	/	Pass
		1745	50	0	9.082	/	Pass
		1775	50	0	9.050	/	Pass
15	QPSK	1717.5	75	0	13.636	/	Pass
		1745	75	0	13.584	/	Pass
		1772.5	75	0	13.593	/	Pass
	16QAM	1717.5	75	0	13.608	/	Pass
		1745	75	0	13.627	/	Pass
		1772.5	75	0	13.533	/	Pass
20	QPSK	1720	100	0	18.142	/	Pass
		1745	100	0	18.159	/	Pass
		1770	100	0	18.036	/	Pass
	16QAM	1720	100	0	18.158	/	Pass
		1745	100	0	18.171	/	Pass
		1770	100	0	18.112	/	Pass

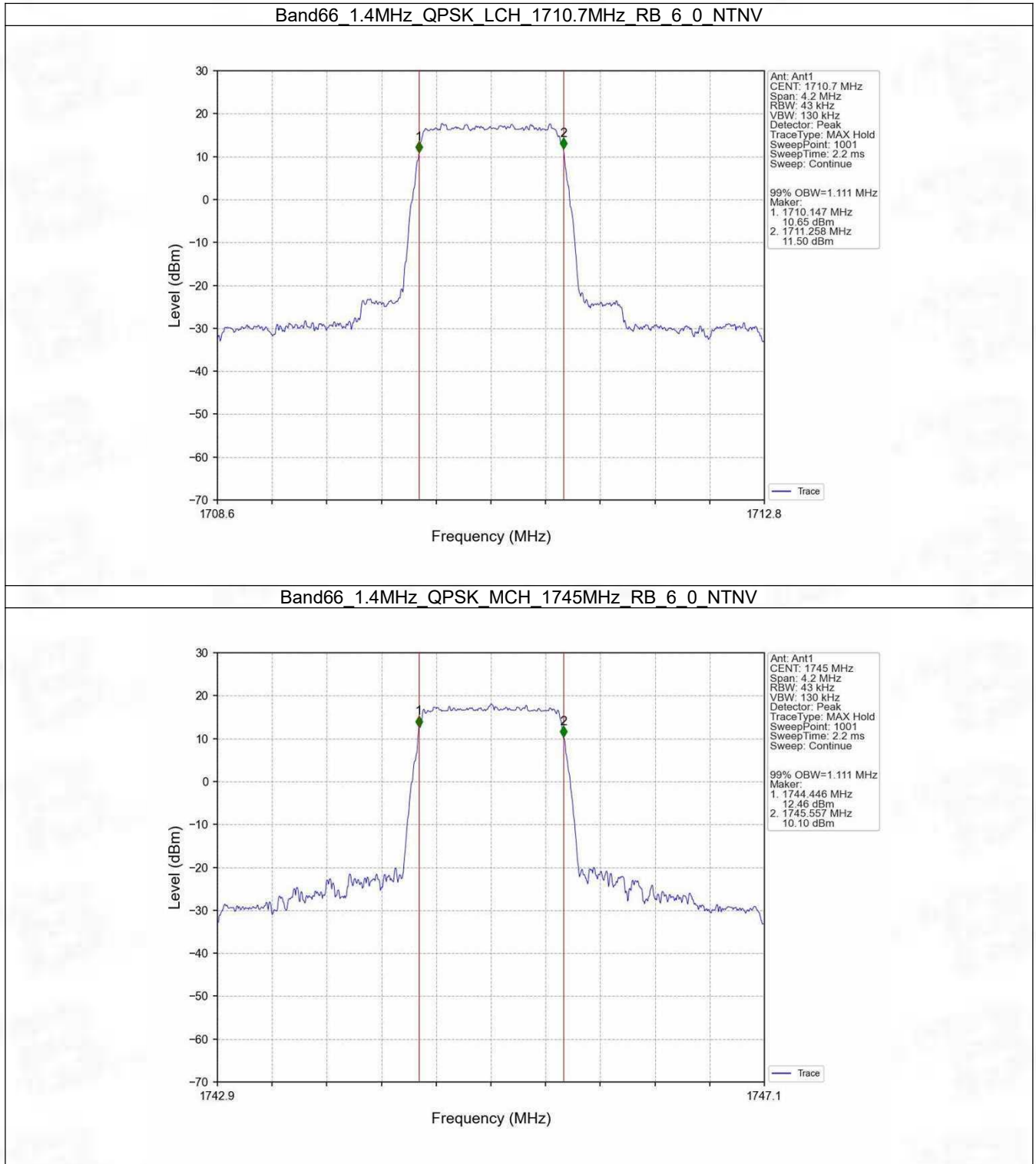
4.1.2 Band66_XDB

Band: 66 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1710.7	6	0	1.274	/	Pass
		1745	6	0	1.268	/	Pass
		1779.3	6	0	1.275	/	Pass

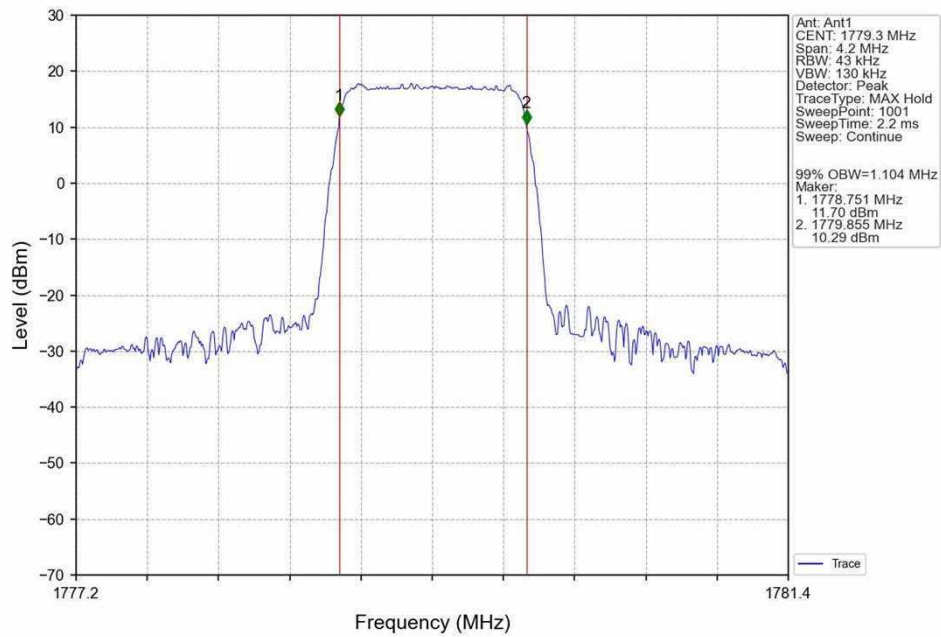
	16QAM	1710.7	6	0	1.272	/	Pass
		1745	6	0	1.271	/	Pass
		1779.3	6	0	1.276	/	Pass
3	QPSK	1711.5	15	0	3.084	/	Pass
		1745	15	0	3.102	/	Pass
		1778.5	15	0	3.108	/	Pass
	16QAM	1711.5	15	0	3.104	/	Pass
		1745	15	0	3.121	/	Pass
		1778.5	15	0	3.089	/	Pass
5	QPSK	1712.5	25	0	5.053	/	Pass
		1745	25	0	5.074	/	Pass
		1777.5	25	0	5.069	/	Pass
	16QAM	1712.5	25	0	5.022	/	Pass
		1745	25	0	5.049	/	Pass
		1777.5	25	0	5.054	/	Pass
10	QPSK	1715	50	0	10.066	/	Pass
		1745	50	0	10.054	/	Pass
		1775	50	0	10.046	/	Pass
	16QAM	1715	50	0	10.069	/	Pass
		1745	50	0	10.065	/	Pass
		1775	50	0	10.021	/	Pass
15	QPSK	1717.5	75	0	15.199	/	Pass
		1745	75	0	15.156	/	Pass
		1772.5	75	0	15.196	/	Pass
	16QAM	1717.5	75	0	15.138	/	Pass
		1745	75	0	15.238	/	Pass
		1772.5	75	0	15.127	/	Pass
20	QPSK	1720	100	0	20.022	/	Pass
		1745	100	0	20.020	/	Pass
		1770	100	0	19.896	/	Pass
	16QAM	1720	100	0	20.110	/	Pass
		1745	100	0	20.090	/	Pass
		1770	100	0	19.822	/	Pass

4.2 Test Graph

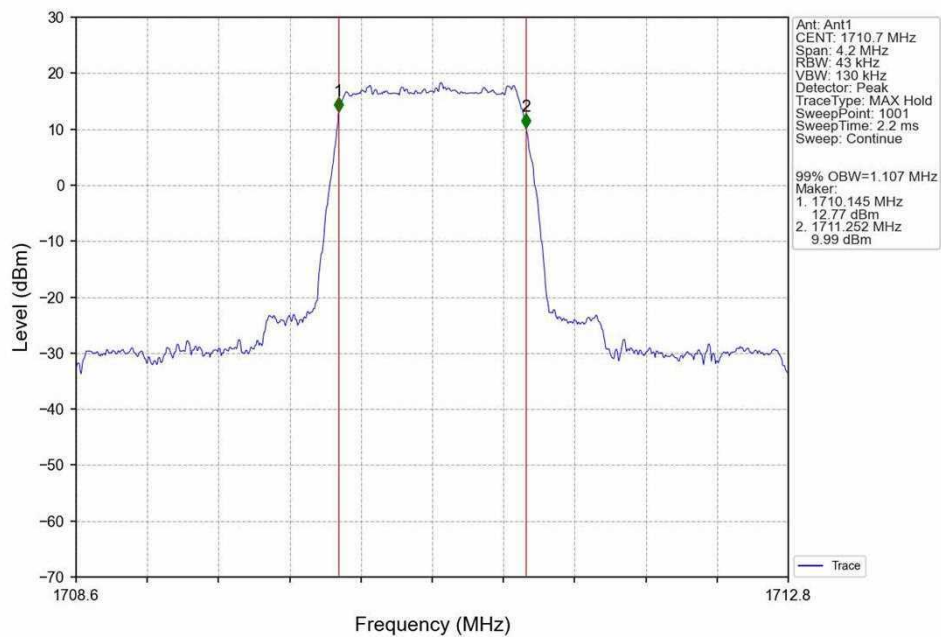
4.2.1 Band66_OBW



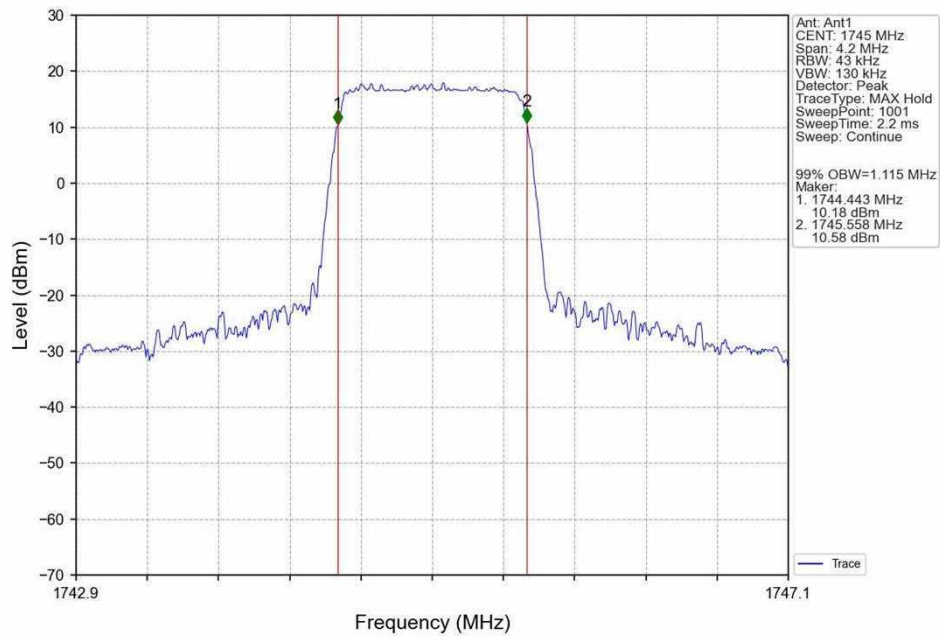
Band66_1.4MHz_QPSK_HCH_1779.3MHz_RB_6_0_NTNV



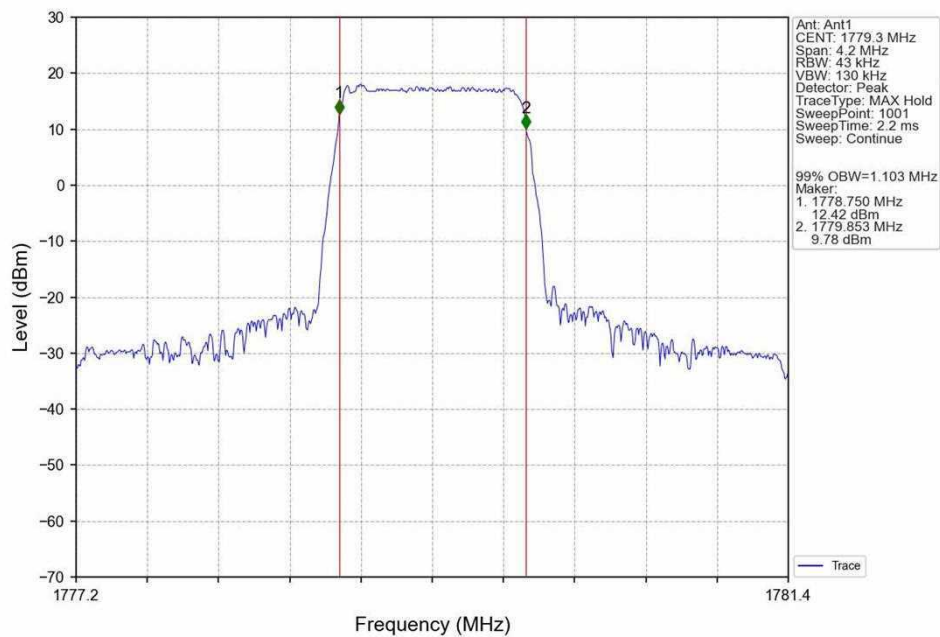
Band66_1.4MHz_16QAM_LCH_1710.7MHz_RB_6_0_NTNV



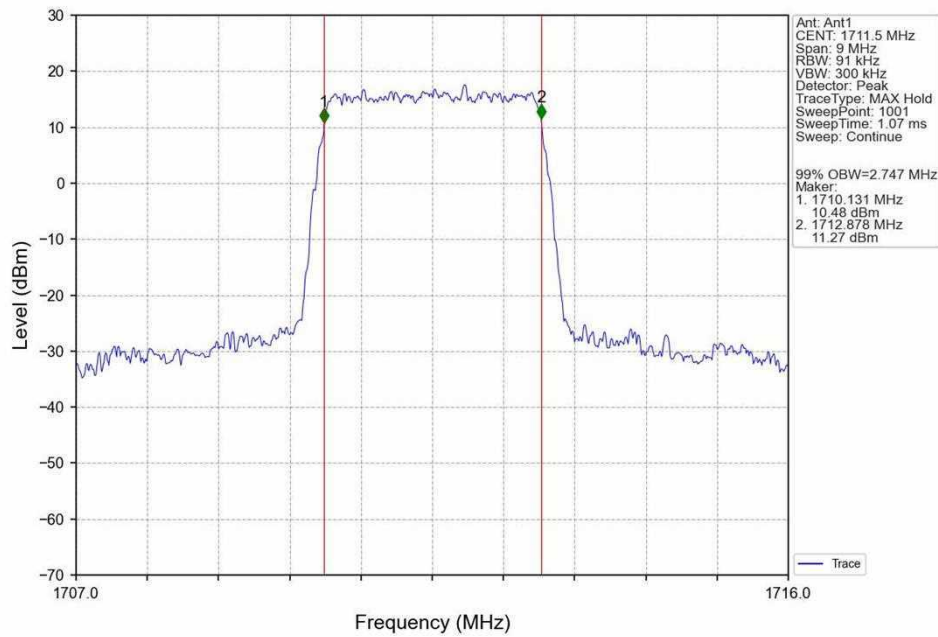
Band66_1.4MHz_16QAM_MCH_1745MHz_RB_6_0_NTNV



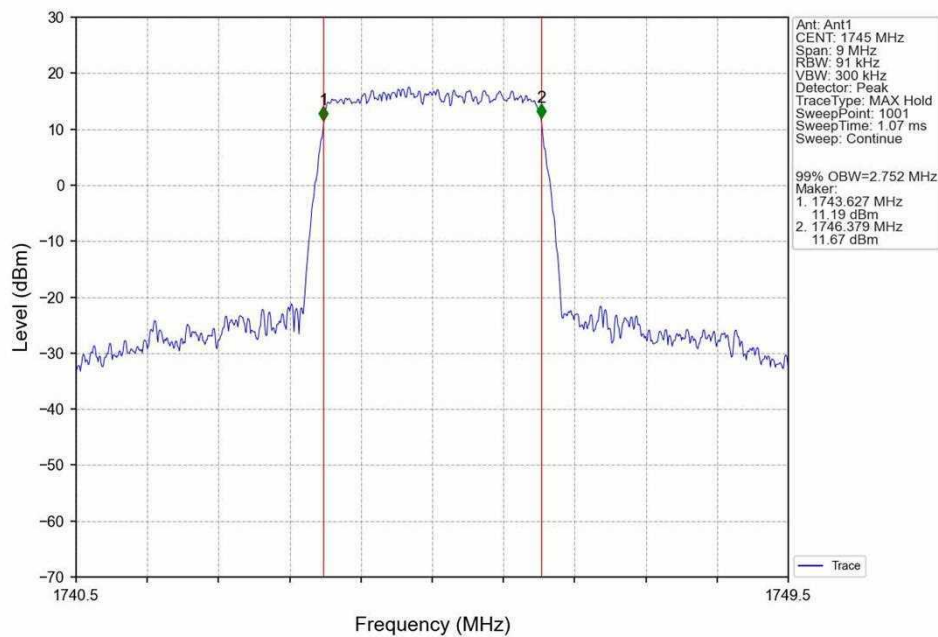
Band66_1.4MHz_16QAM_HCH_1779.3MHz_RB_6_0_NTNV



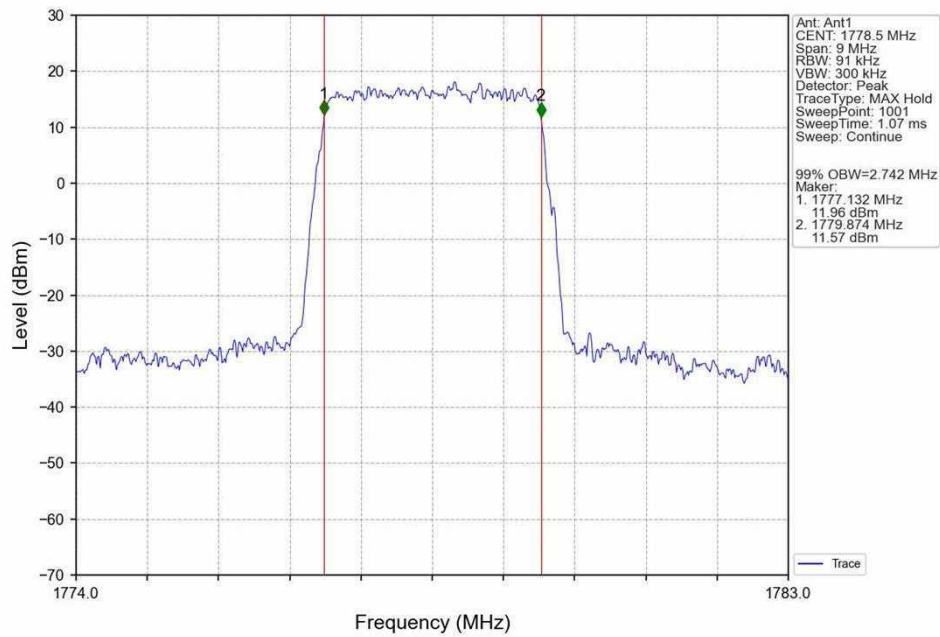
Band66_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV



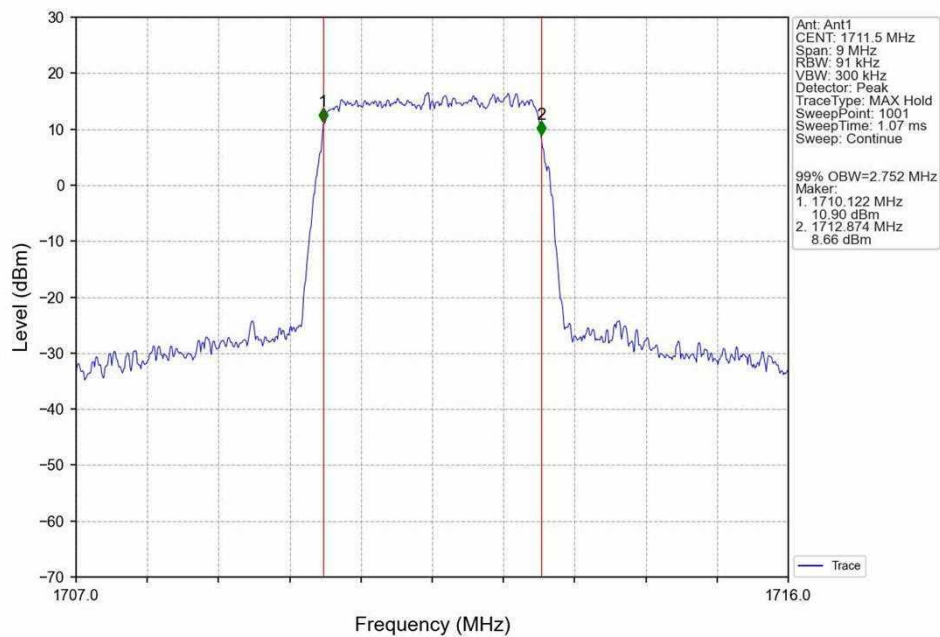
Band66_3MHz_QPSK_MCH_1745MHz_RB_15_0_NTNV



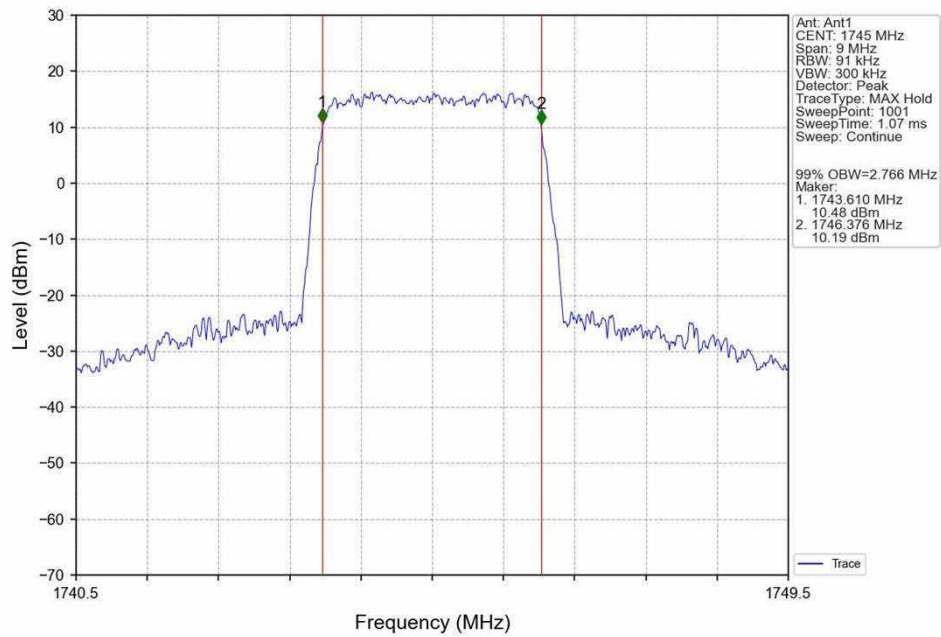
Band66_3MHz_QPSK_HCH_1778.5MHz_RB_15_0_NTNV



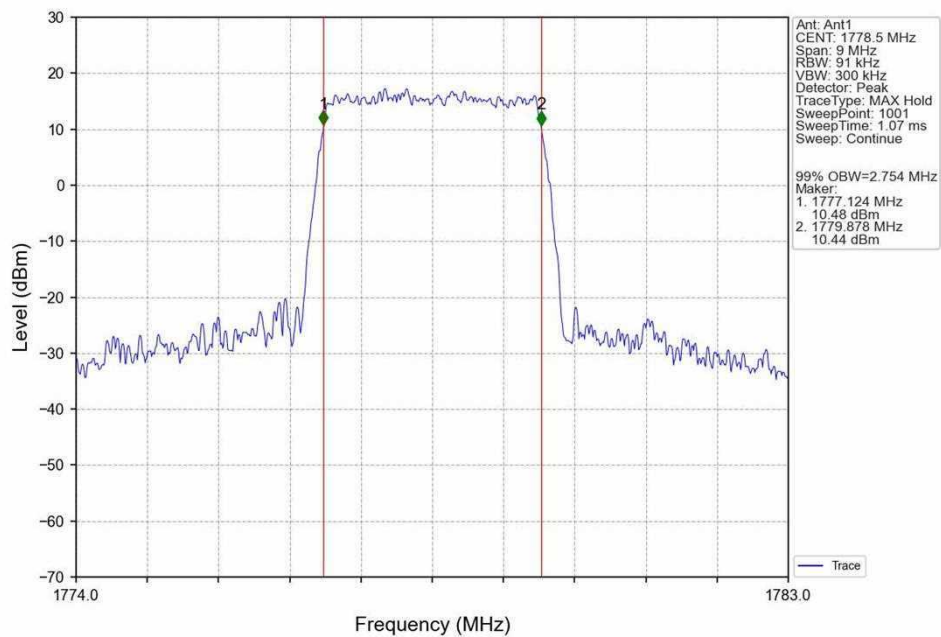
Band66_3MHz_16QAM_LCH_1711.5MHz_RB_15_0_NTNV



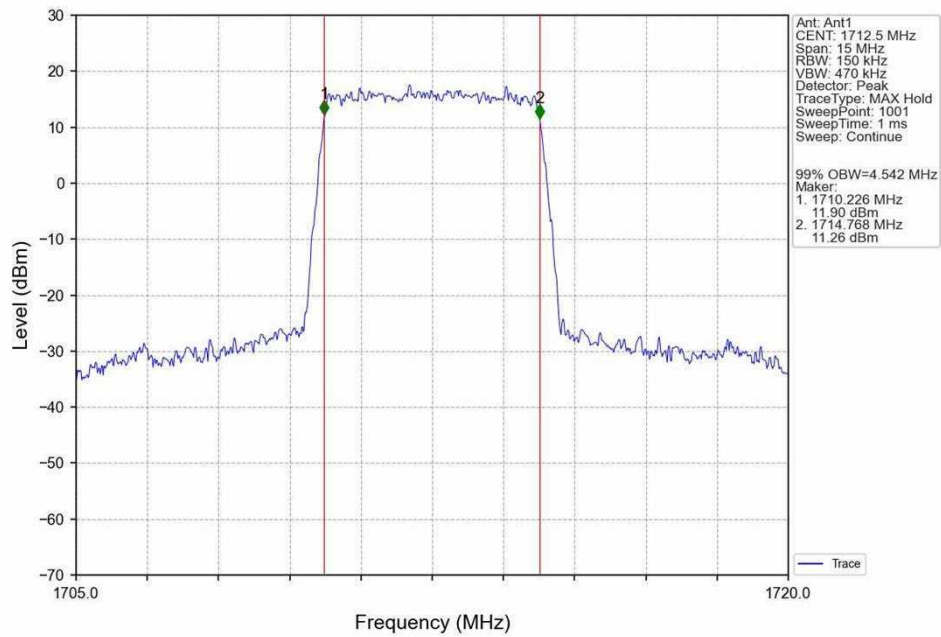
Band66_3MHz_16QAM_MCH_1745MHz_RB_15_0_NTNV



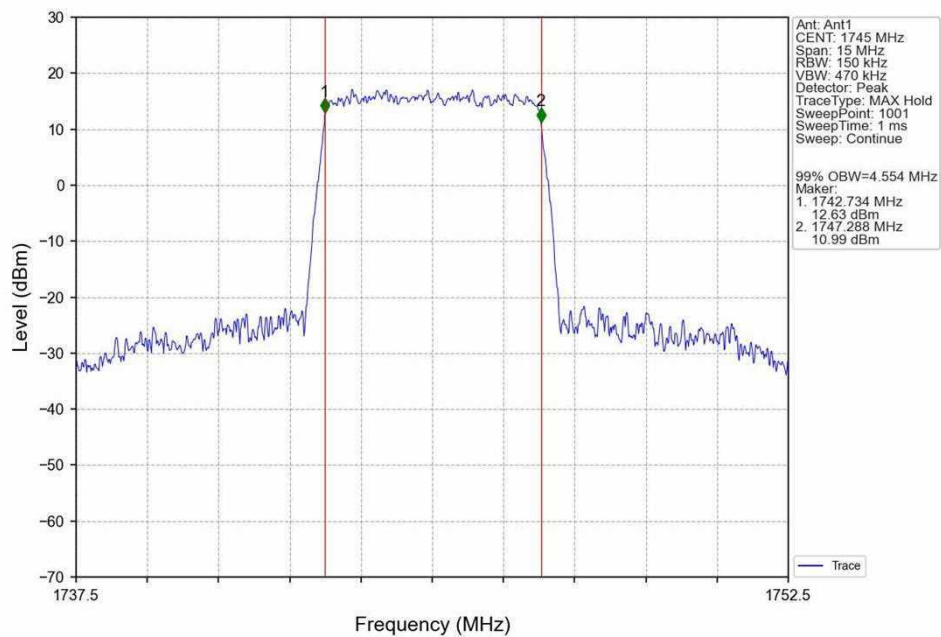
Band66_3MHz_16QAM_HCH_1778.5MHz_RB_15_0_NTNV



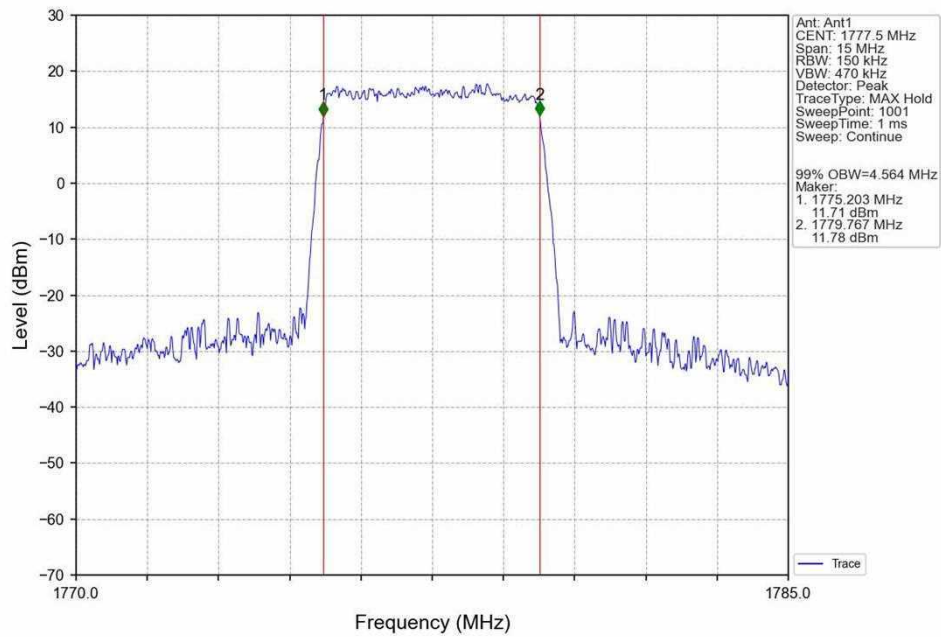
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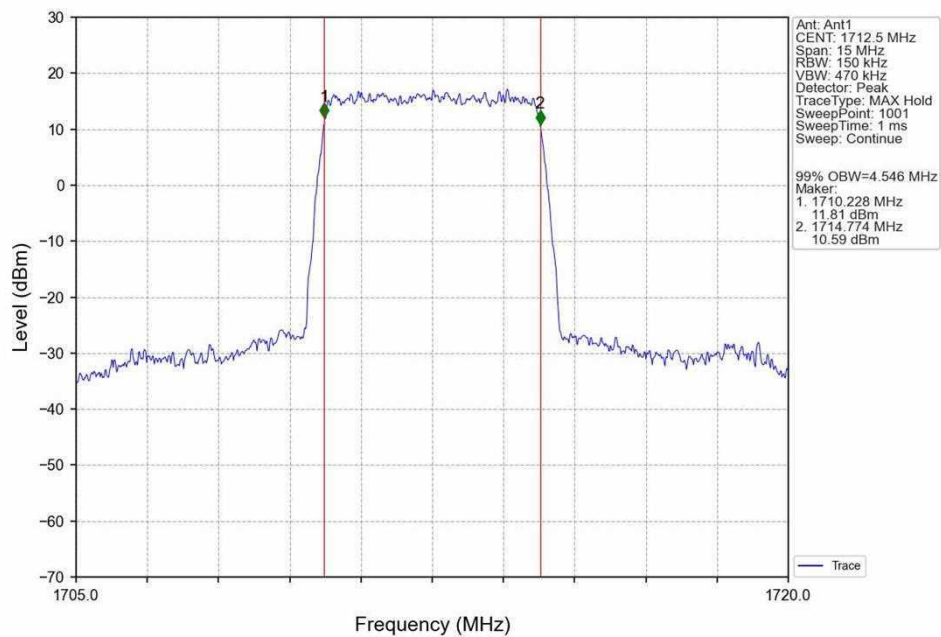
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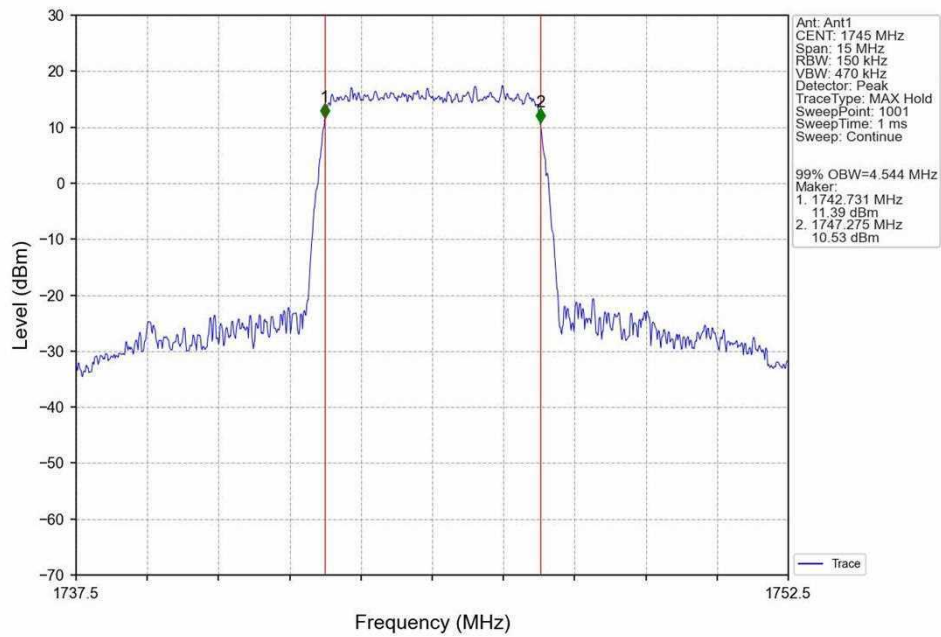
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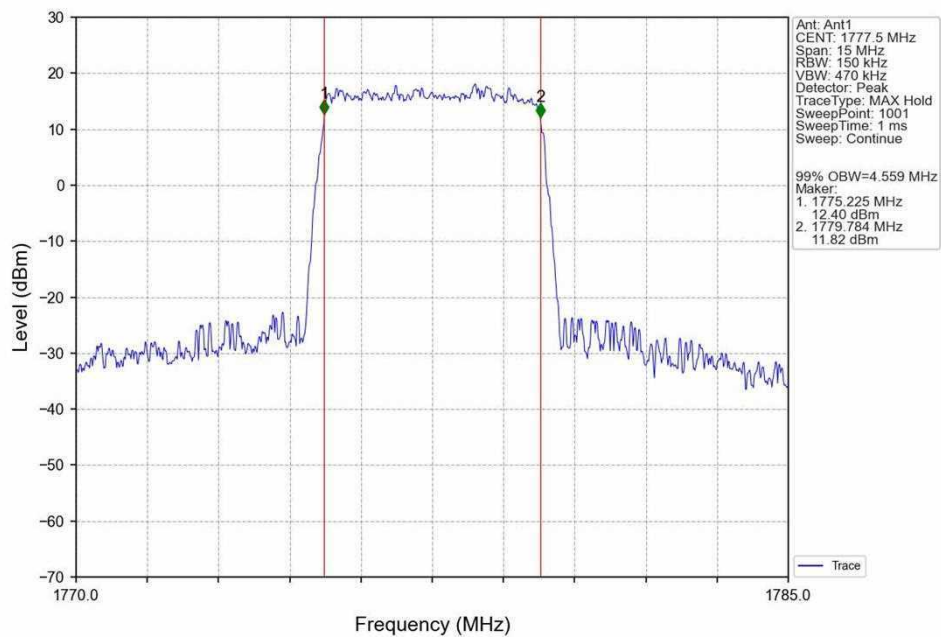
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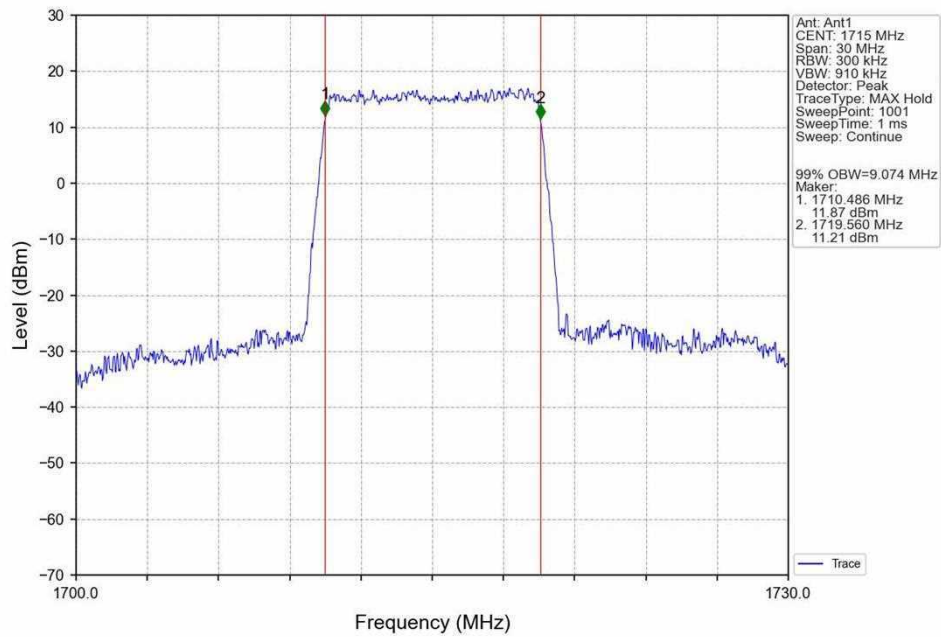
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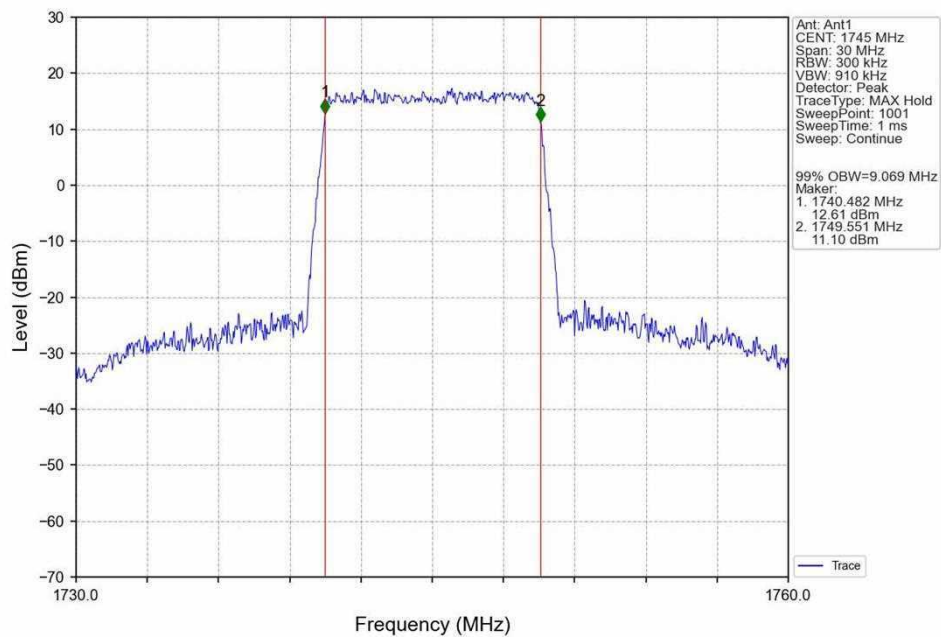
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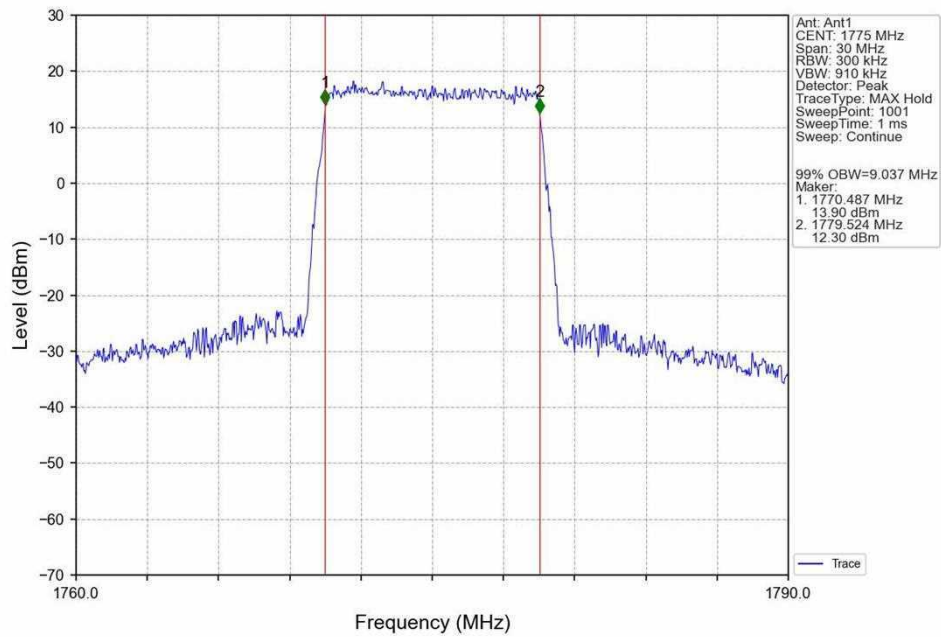
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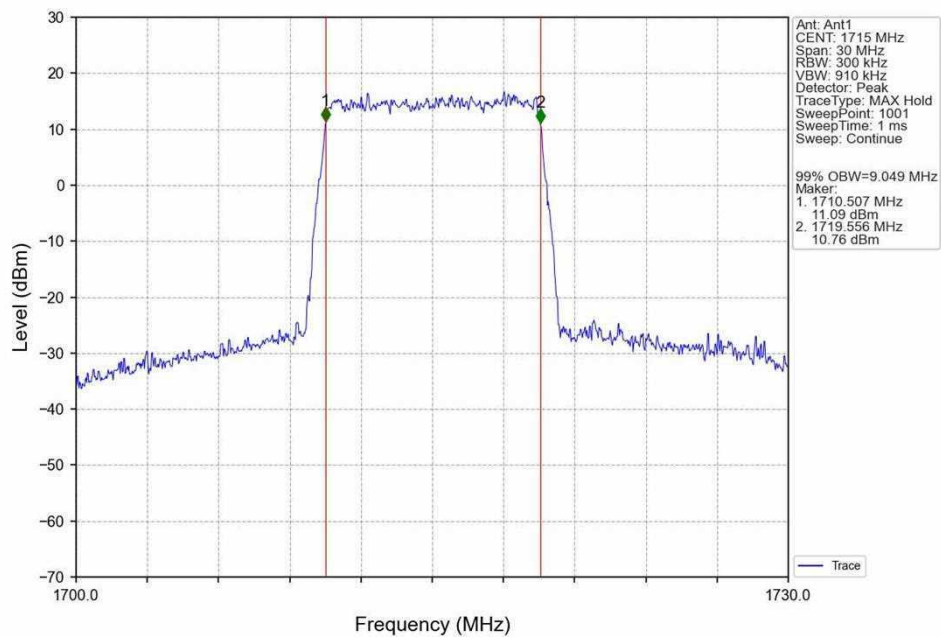
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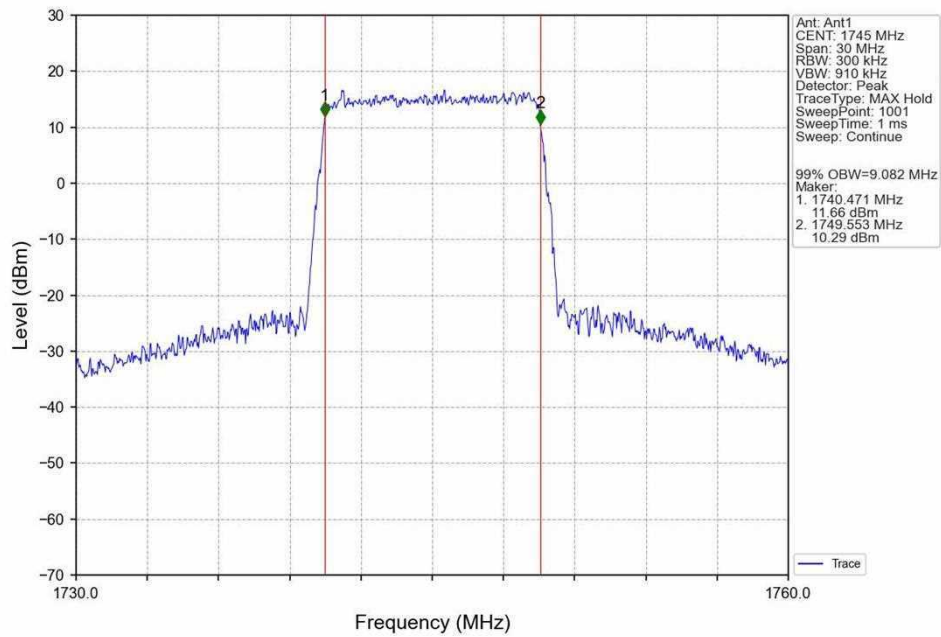
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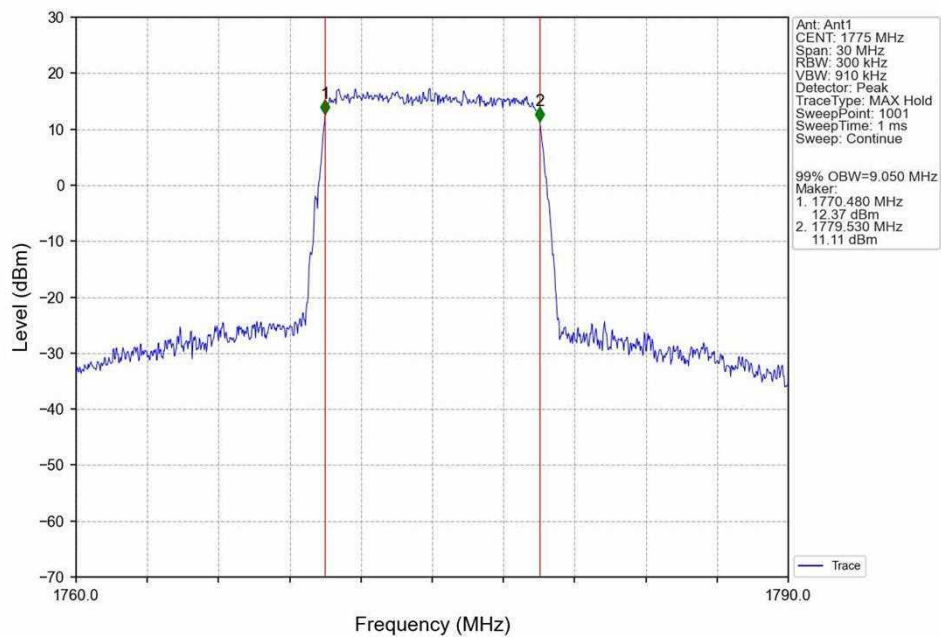
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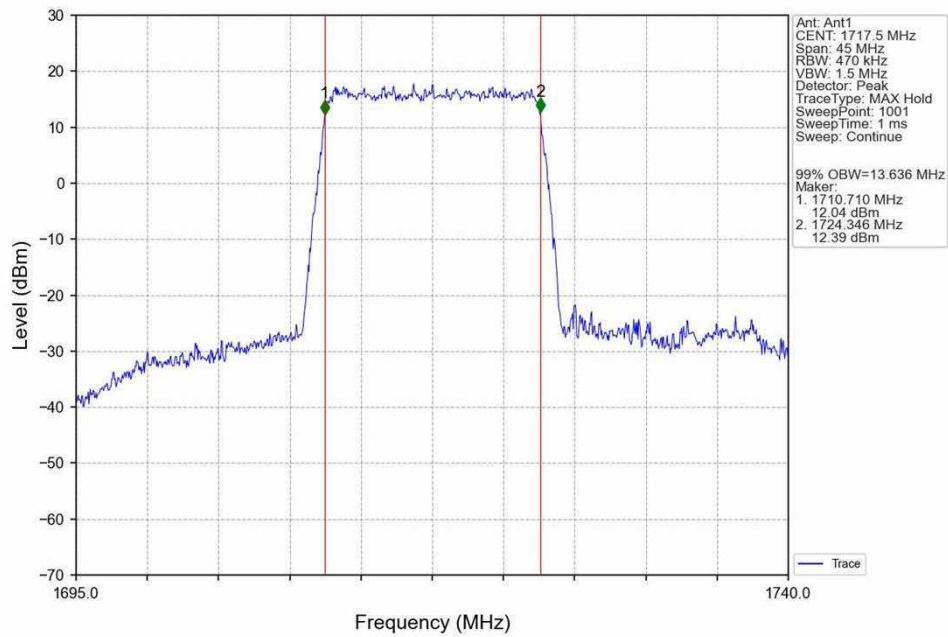
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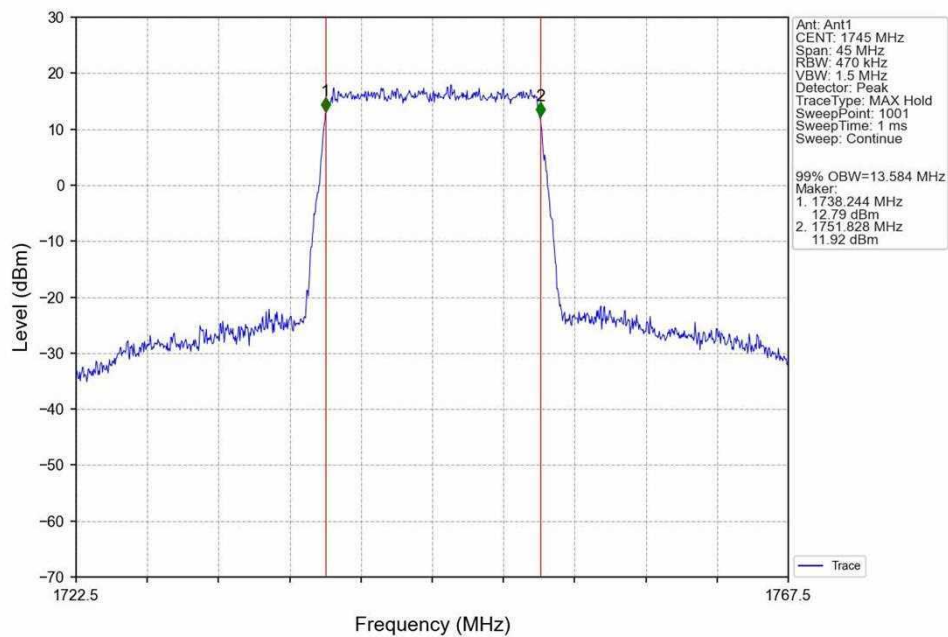
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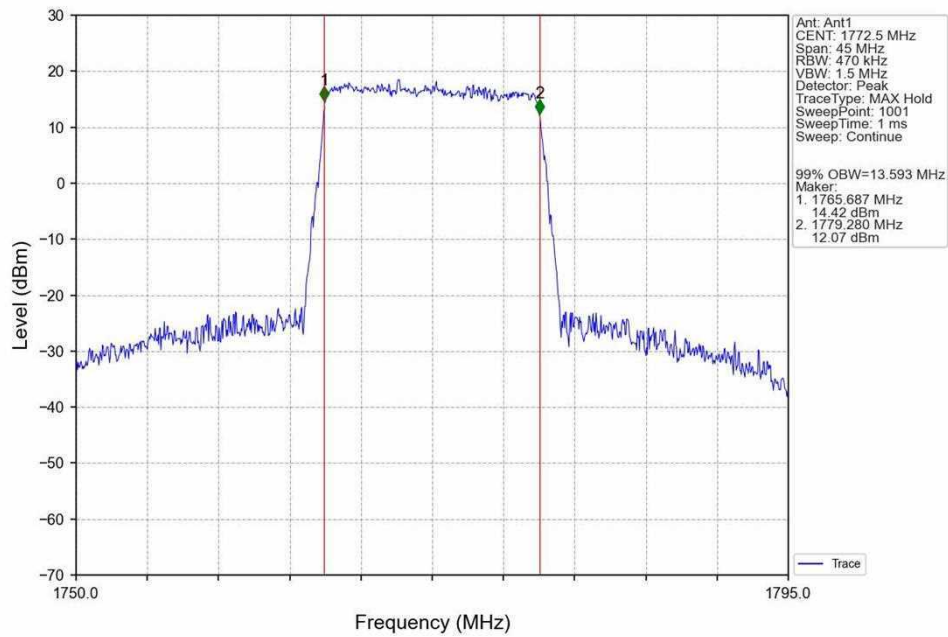
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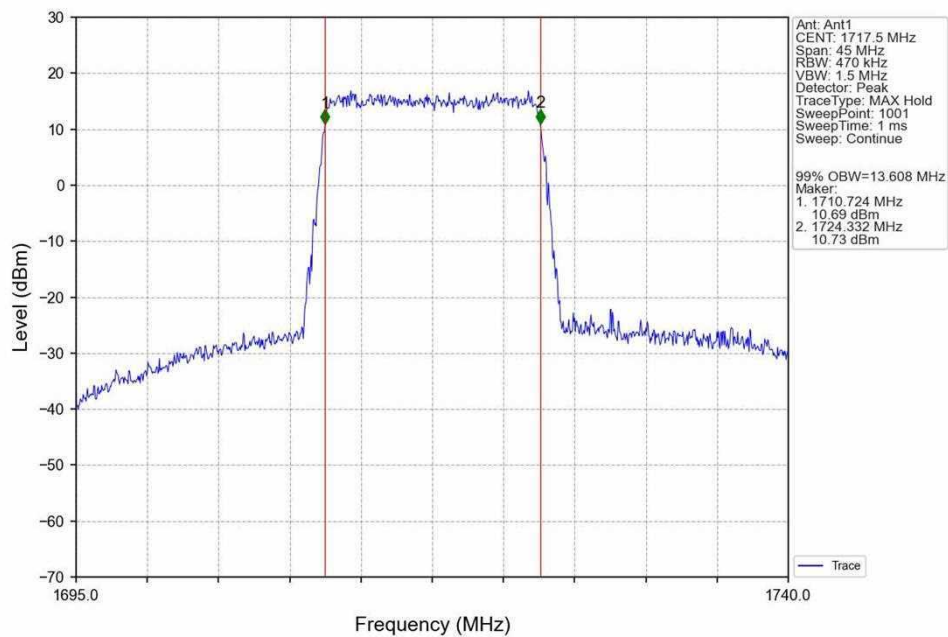
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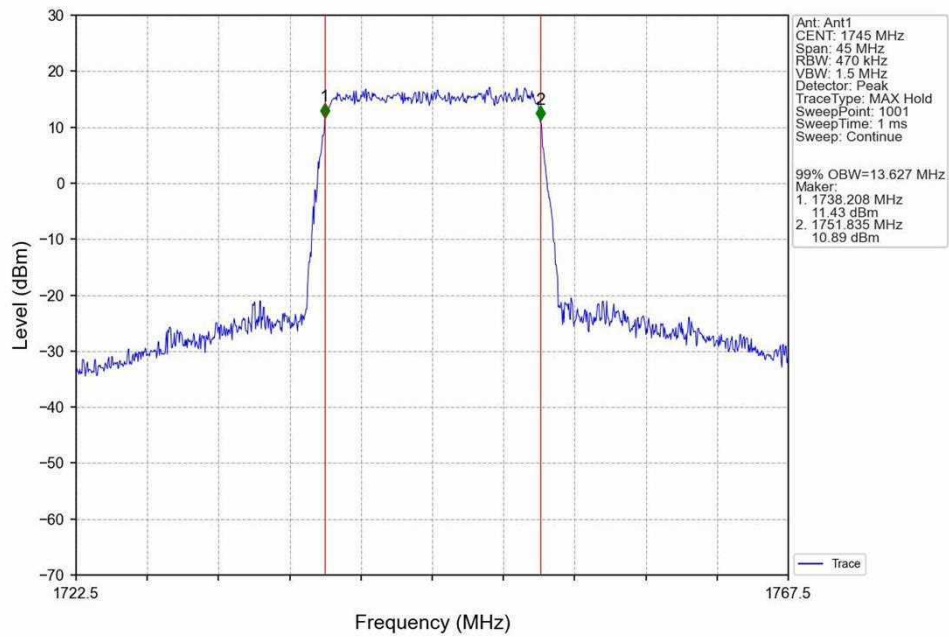
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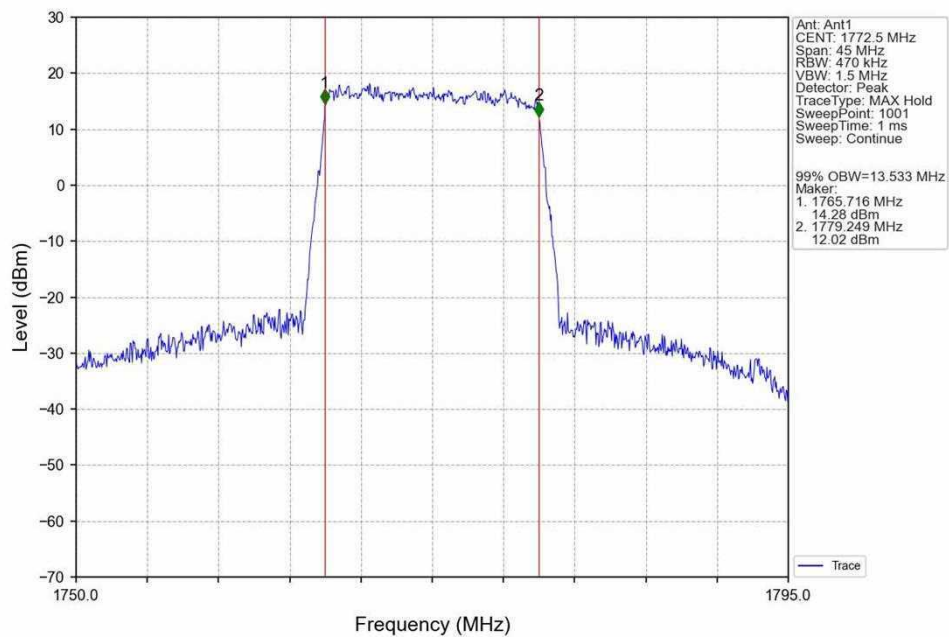
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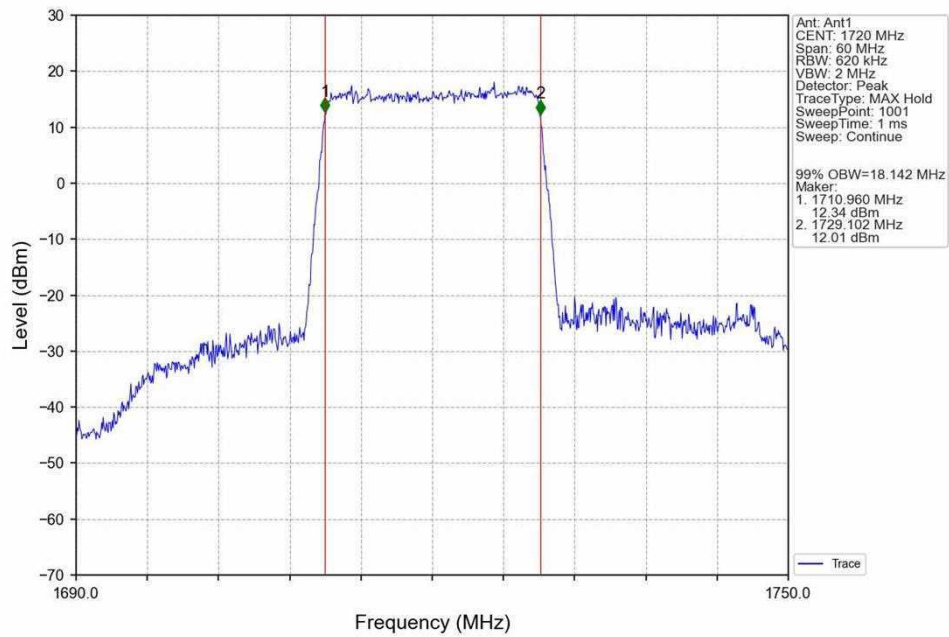
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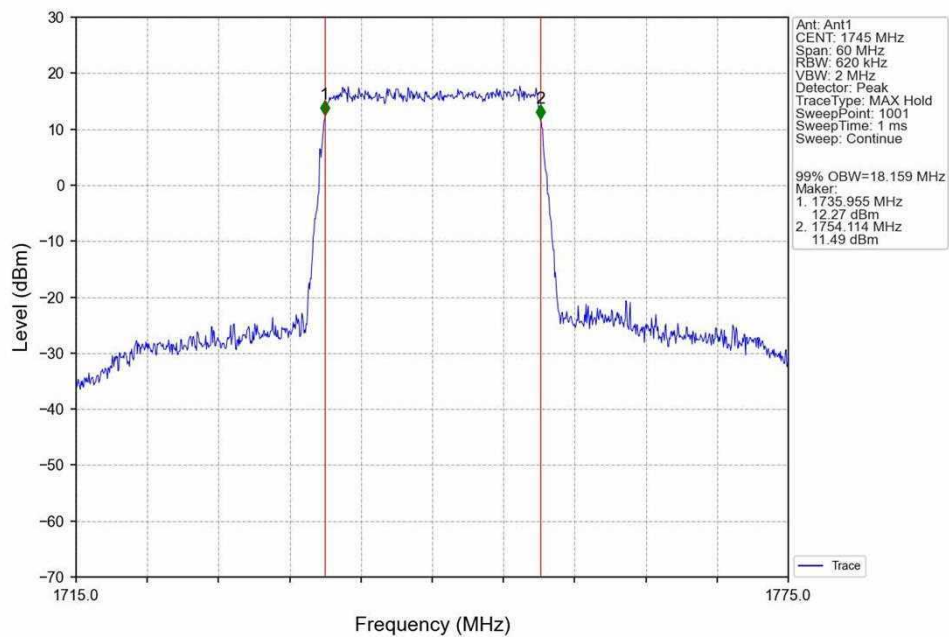
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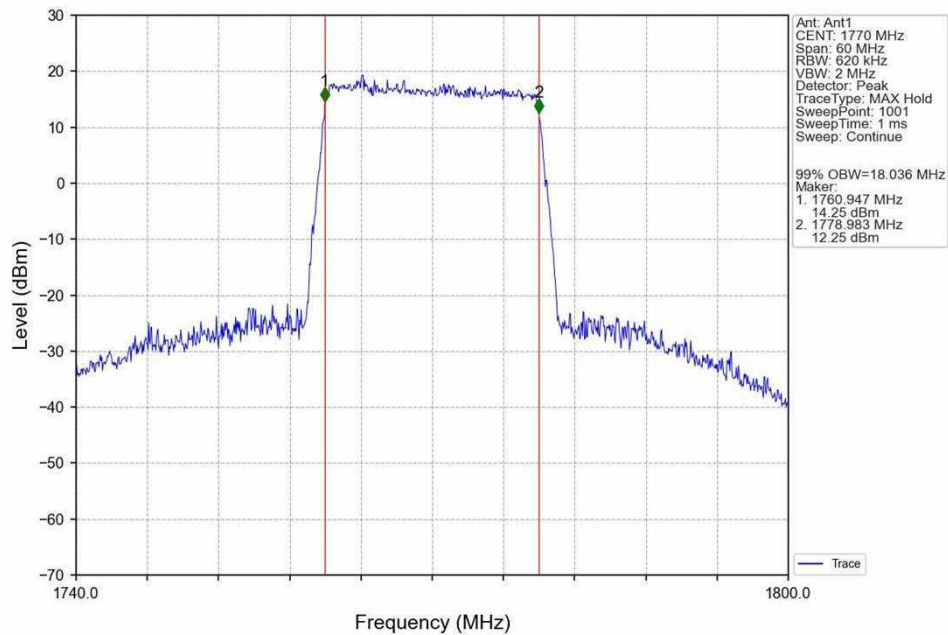
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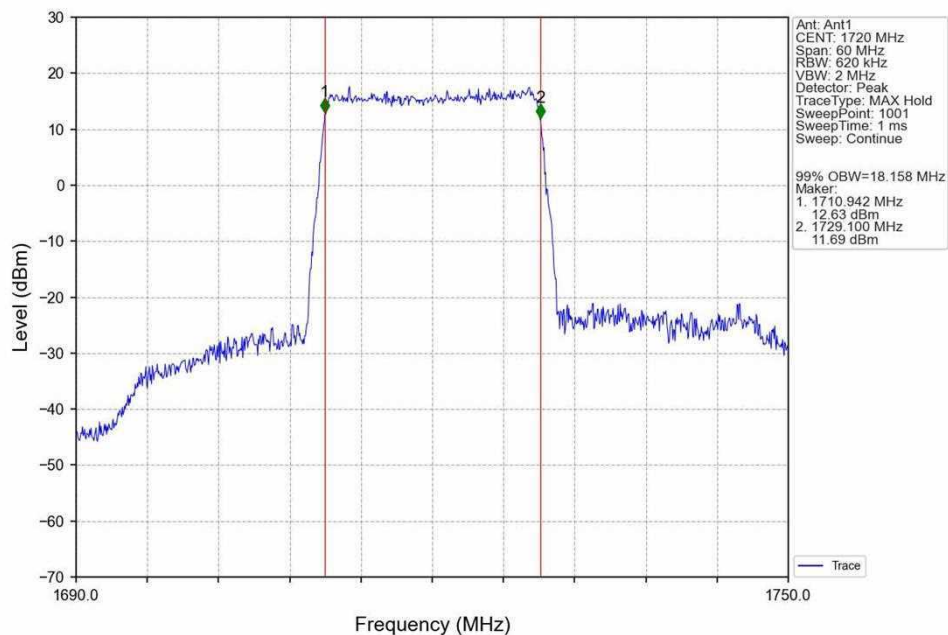
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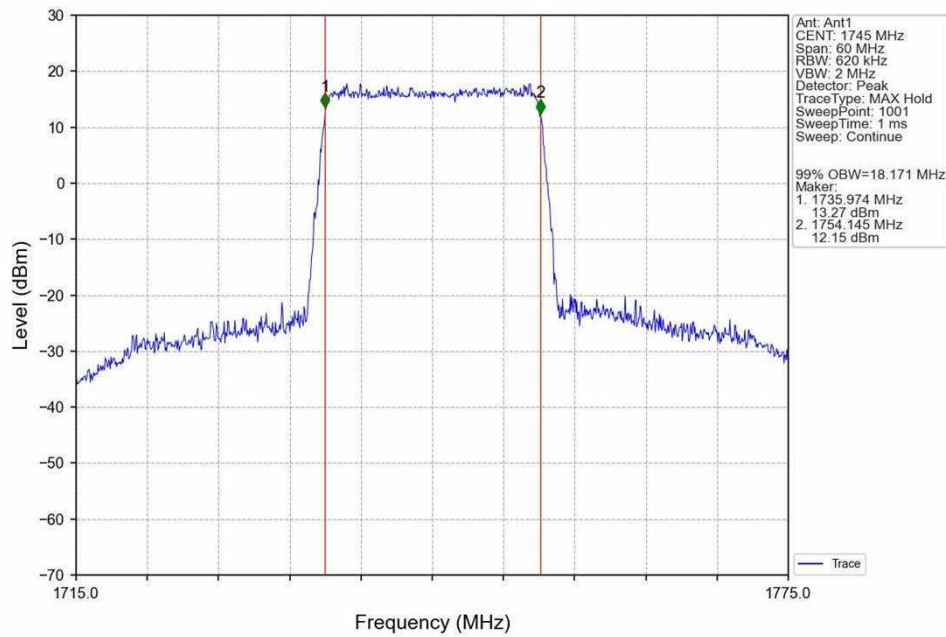
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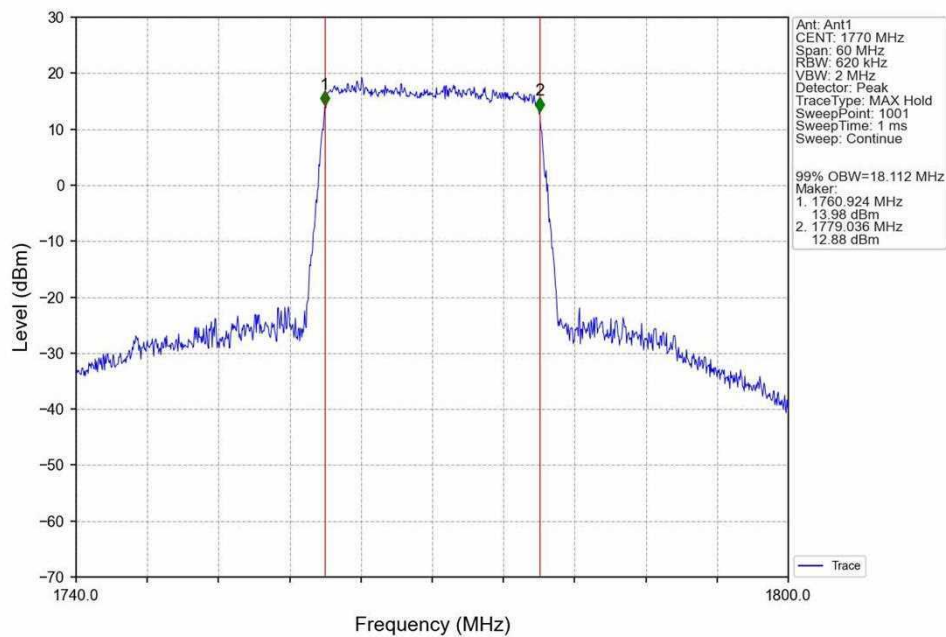
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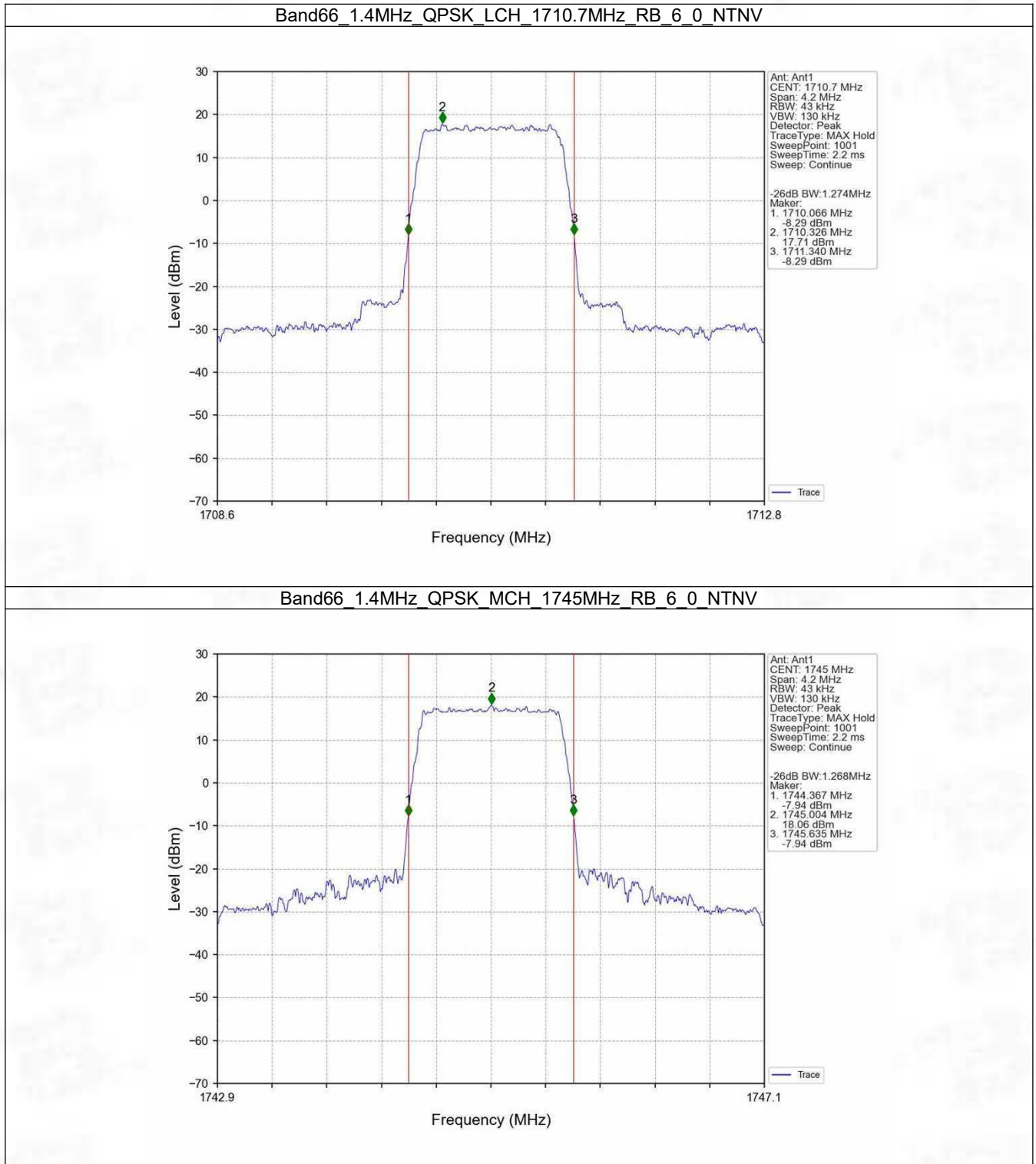
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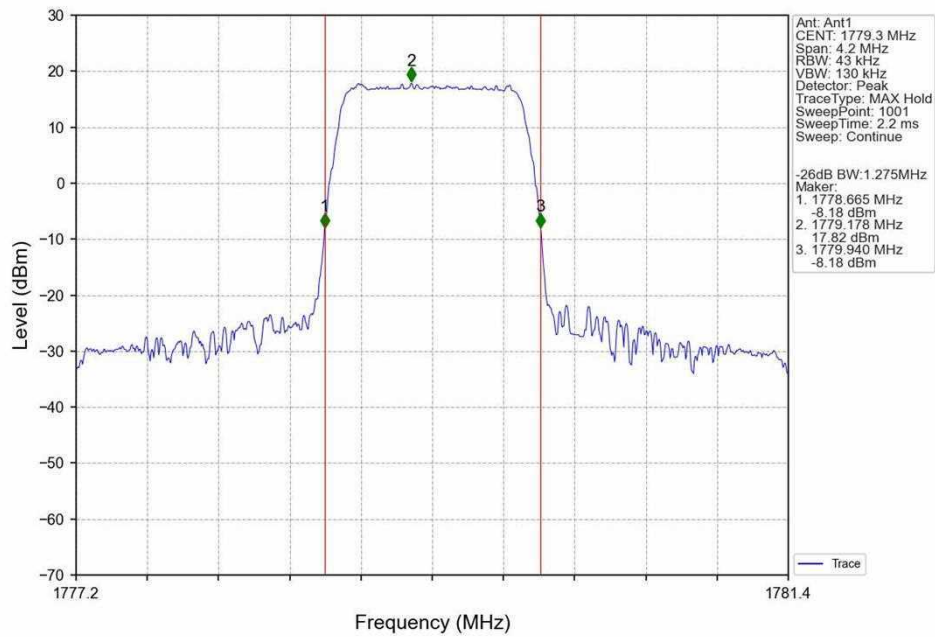
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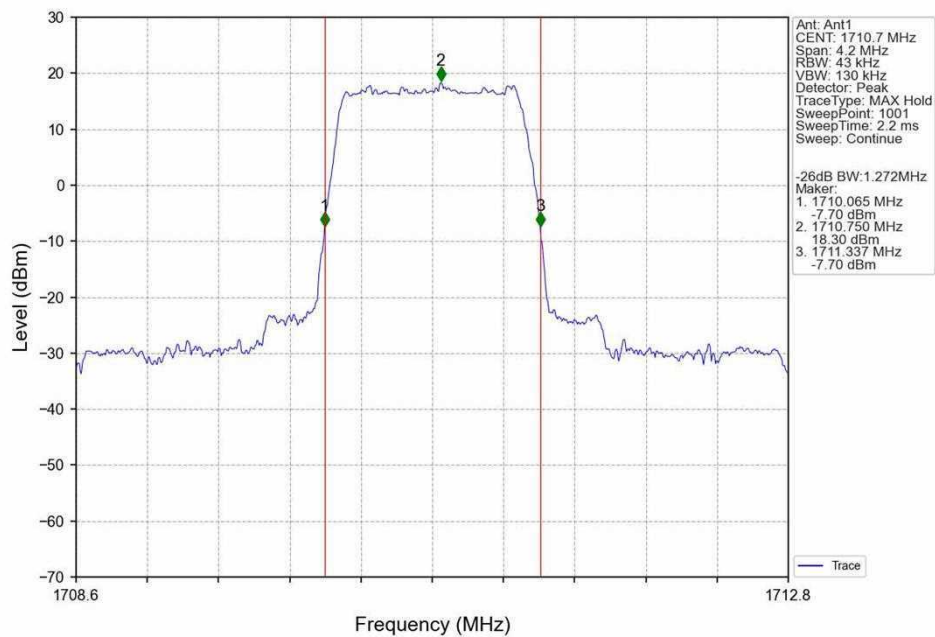
4.2.2 Band66_XDB



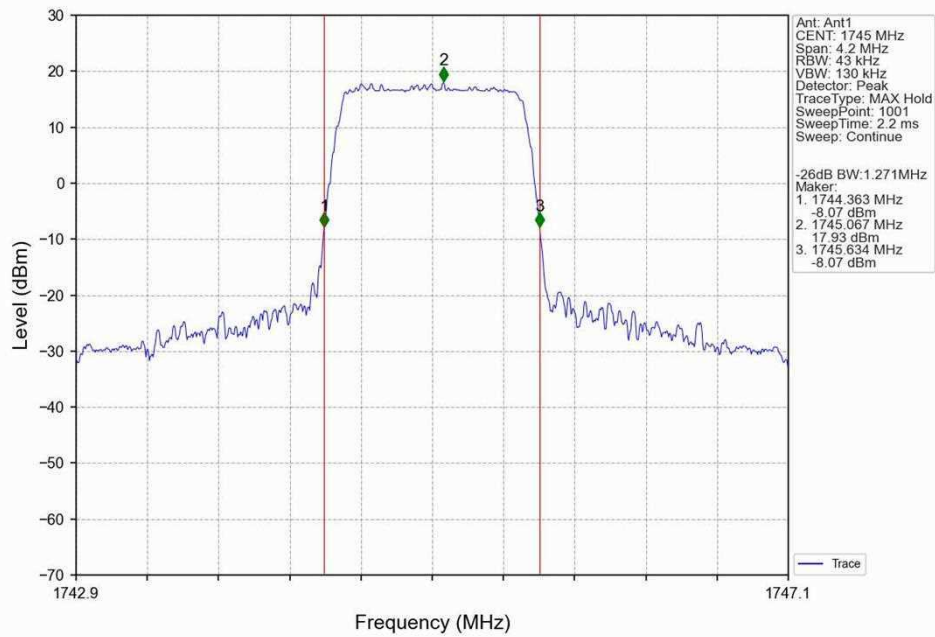
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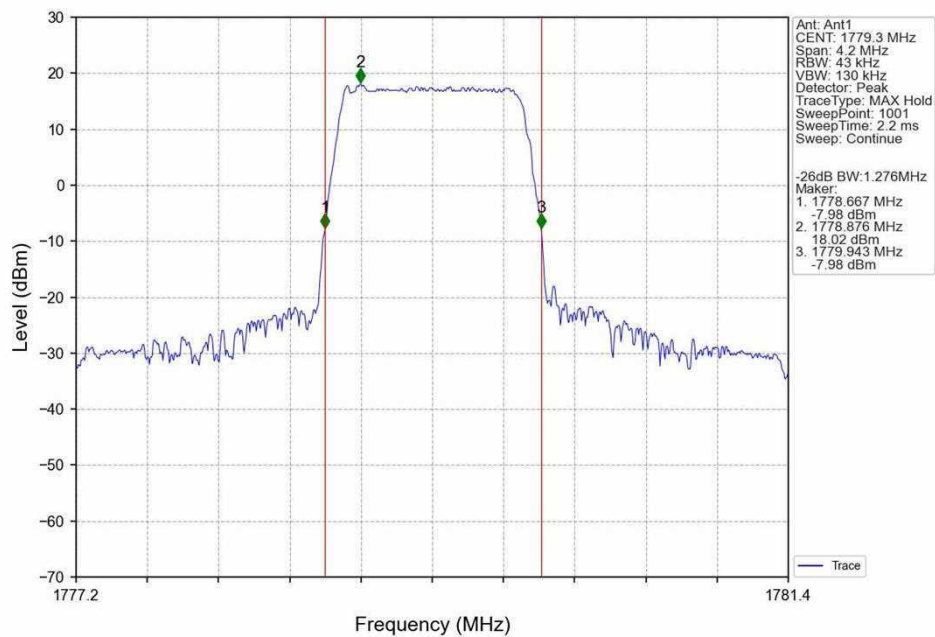
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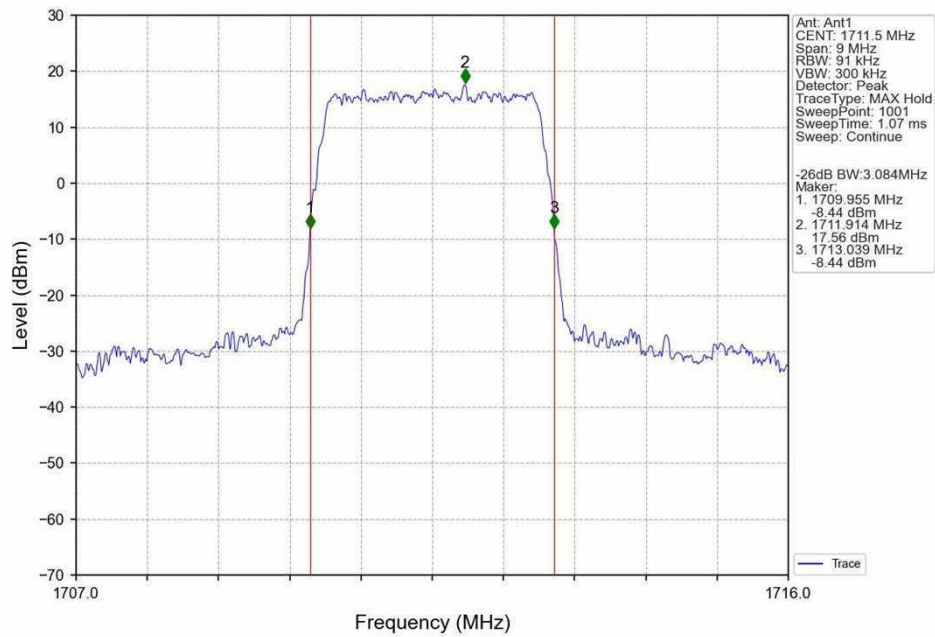
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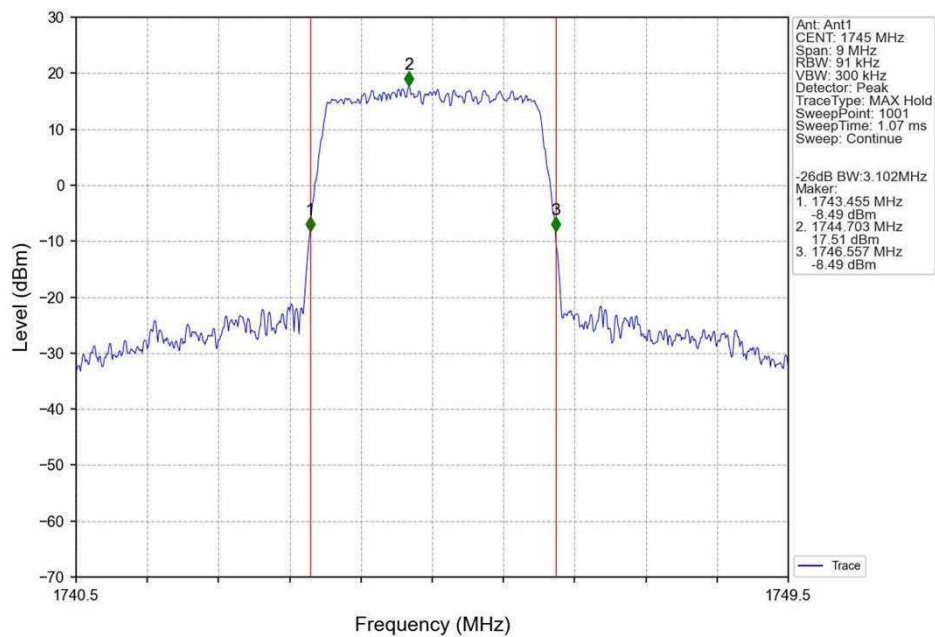
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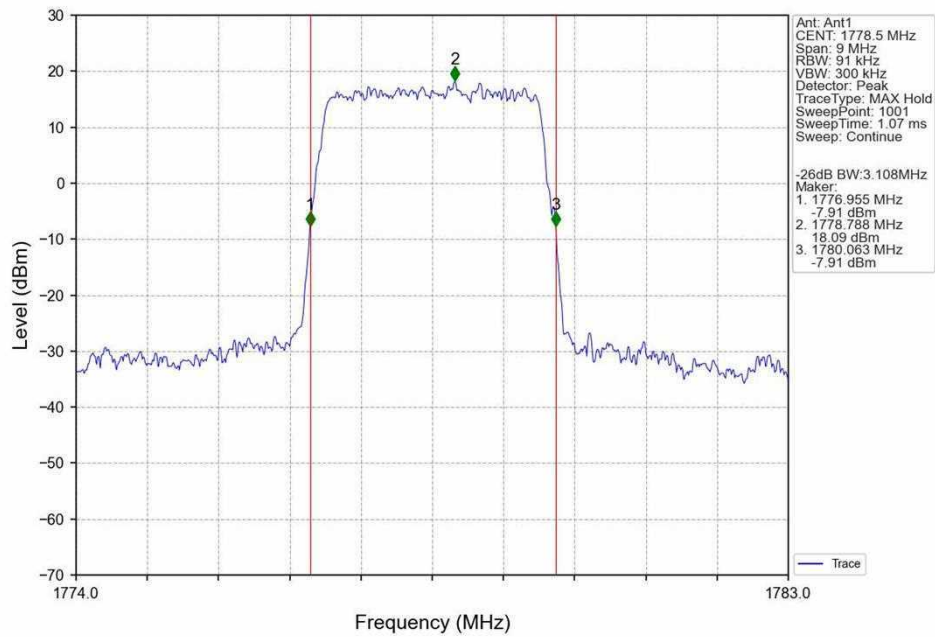
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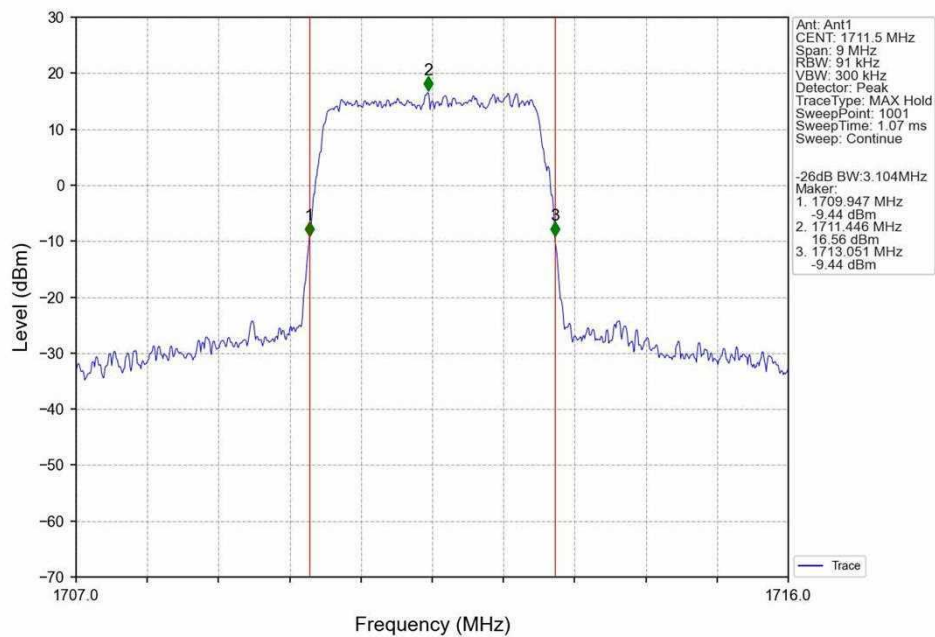
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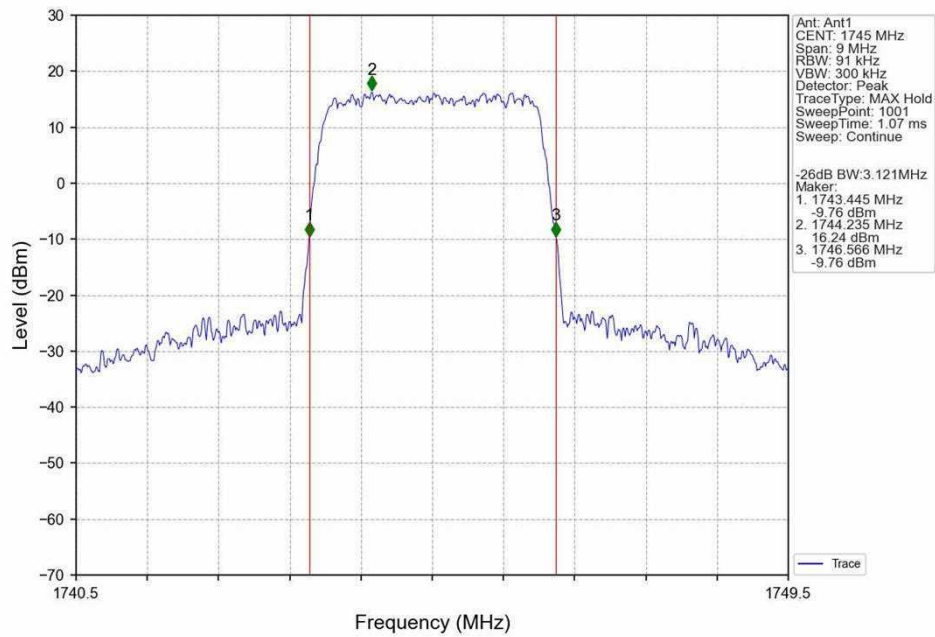
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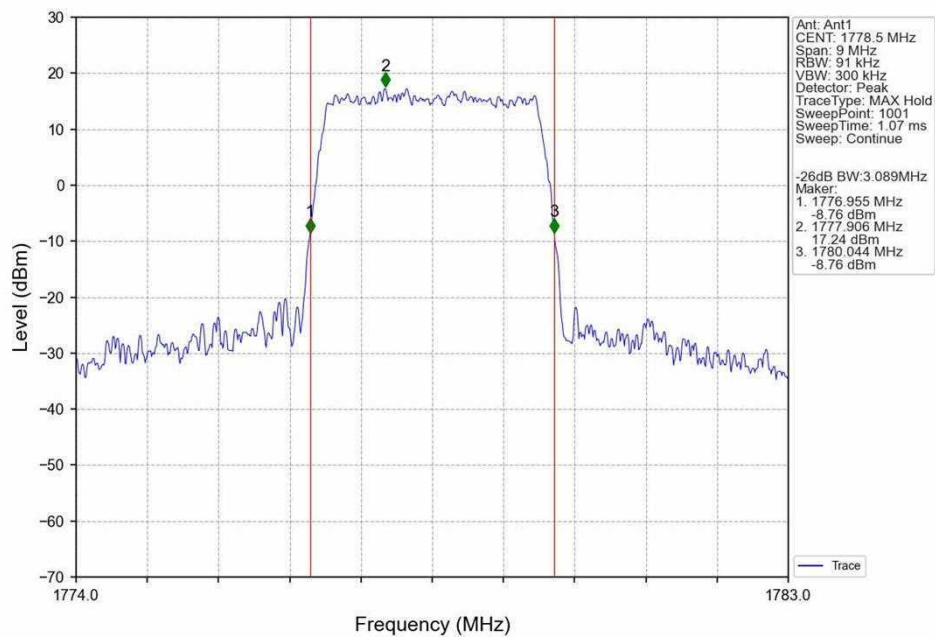
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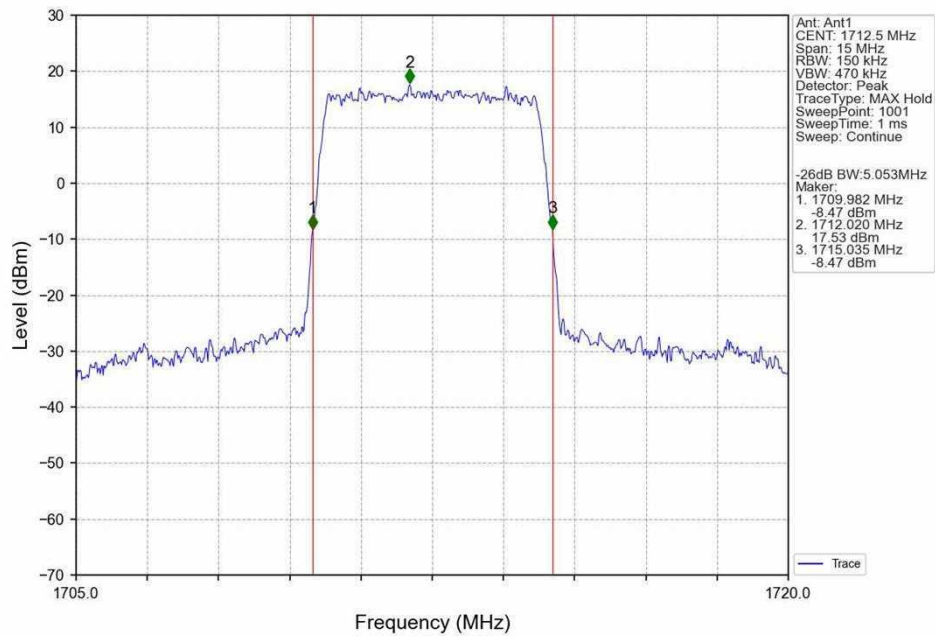
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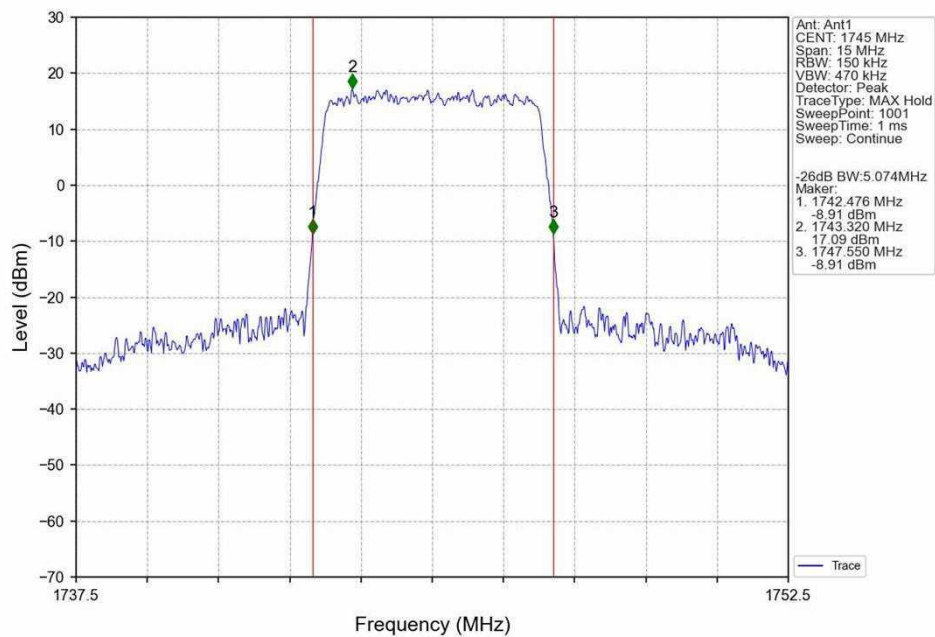
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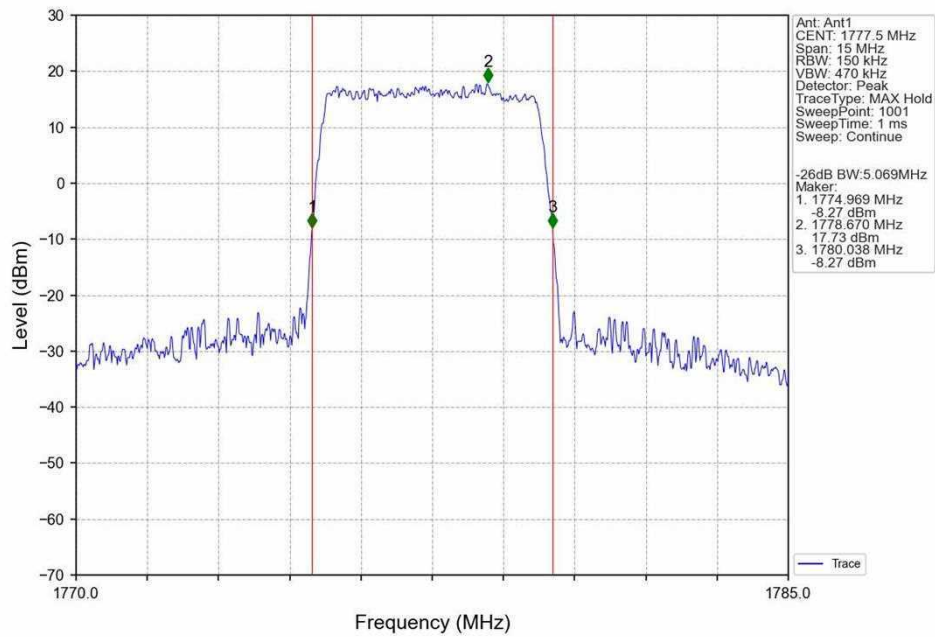
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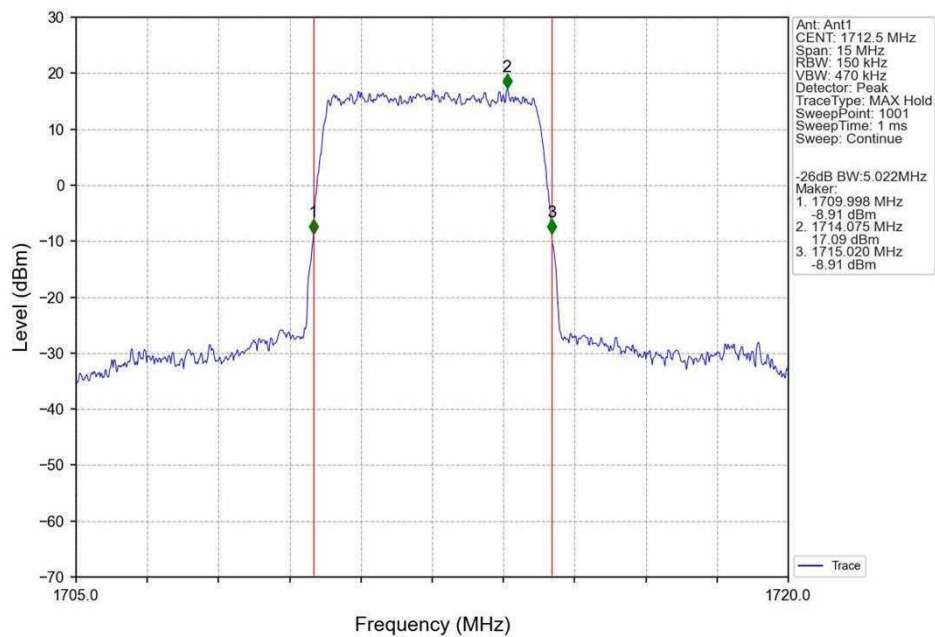
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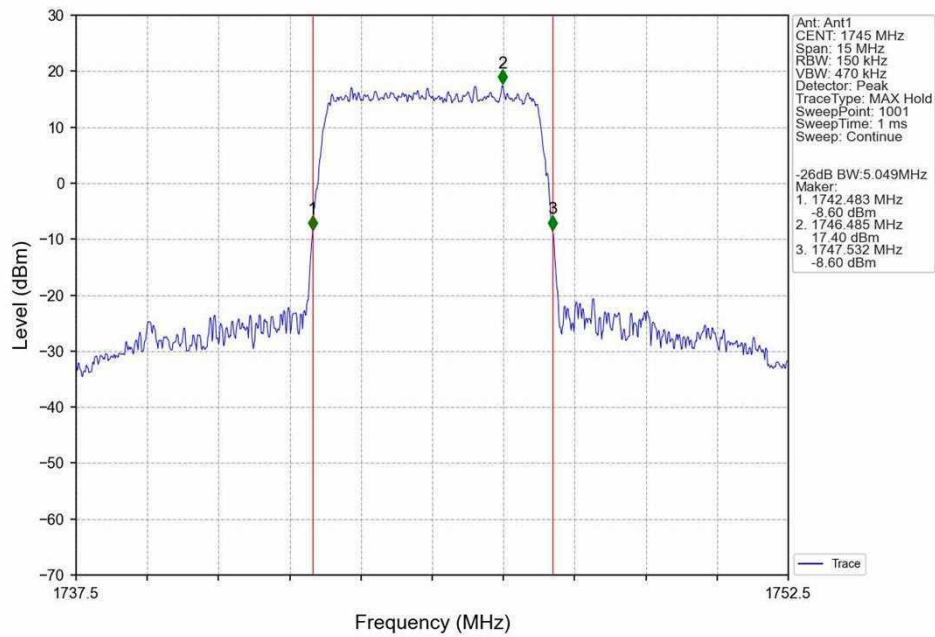
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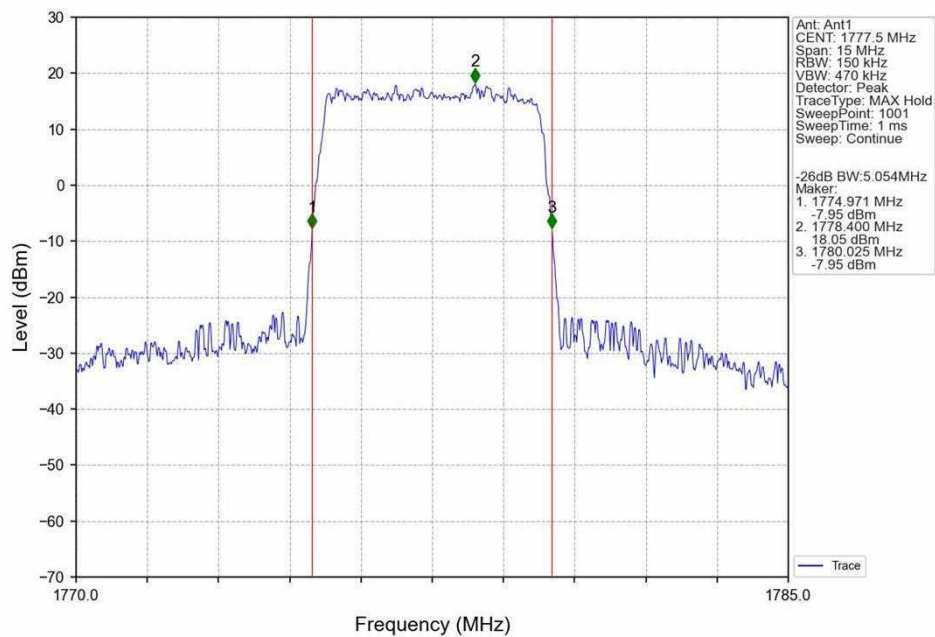
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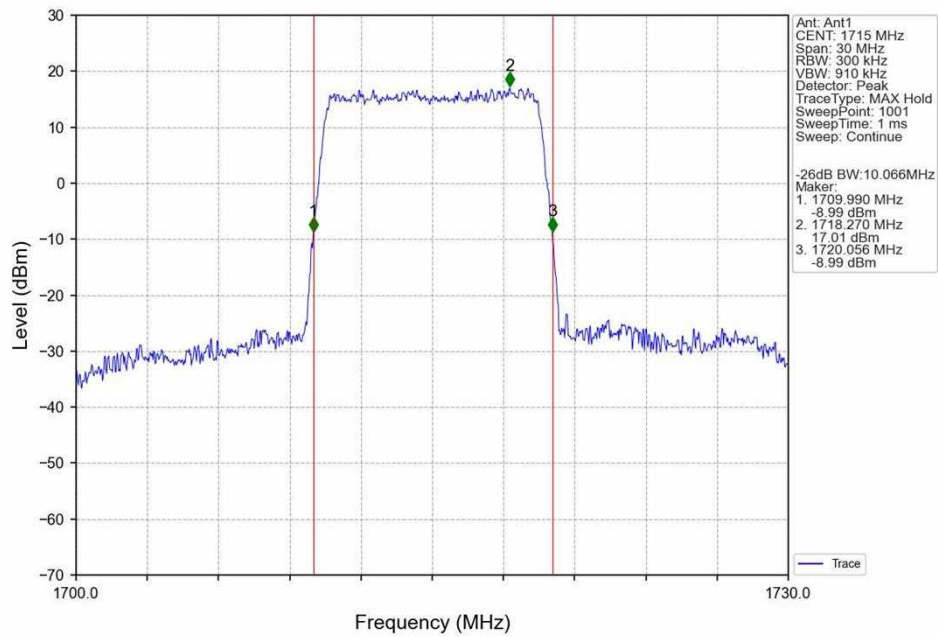
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Band66_5MHz_16QAM_HCH_1777.5MHz_RB_25_0_NTNV



Band66_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV



Band66_10MHz_QPSK_MCH_1745MHz_RB_50_0_NTNV

