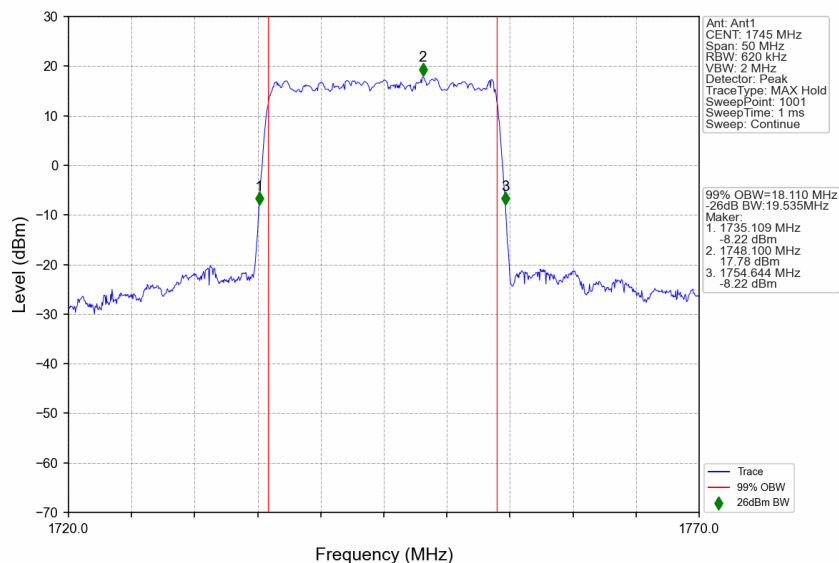
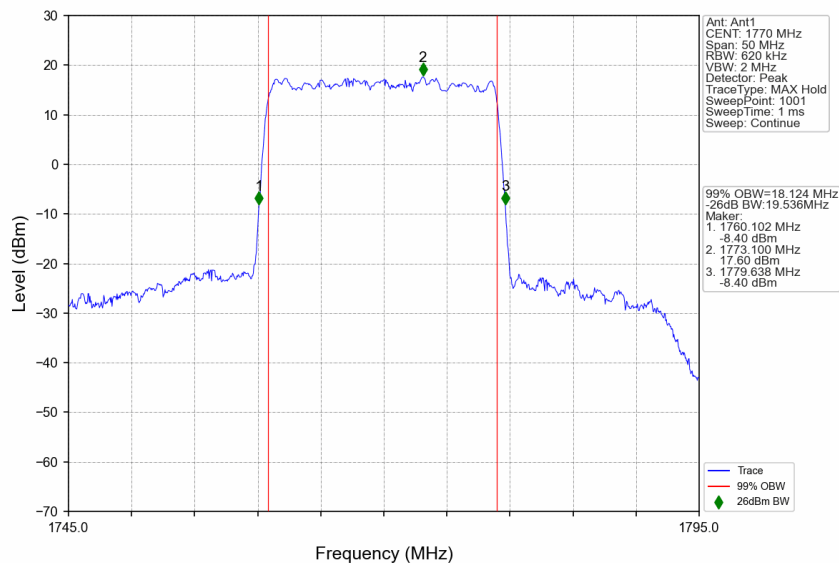


n66_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM_64_QAM_1745MHz_Outer_Full



n66_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM_64_QAM_1770MHz_Outer_Full



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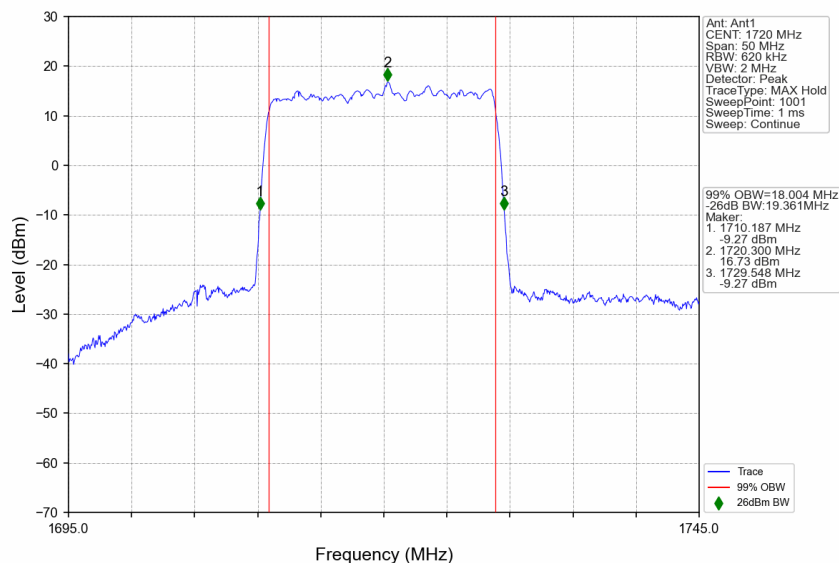
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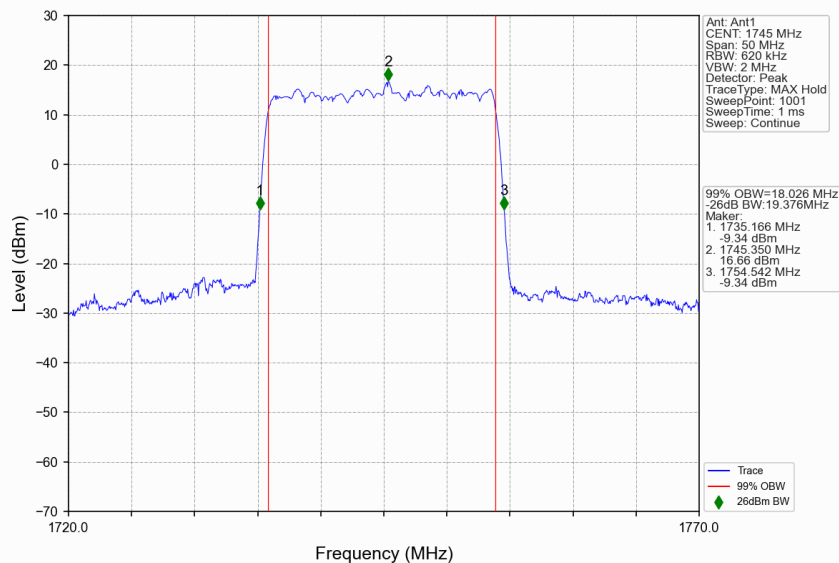
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n66_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM_256_QAM_1720MHz_Outer_Full



n66_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM_256_QAM_1745MHz_Outer_Full



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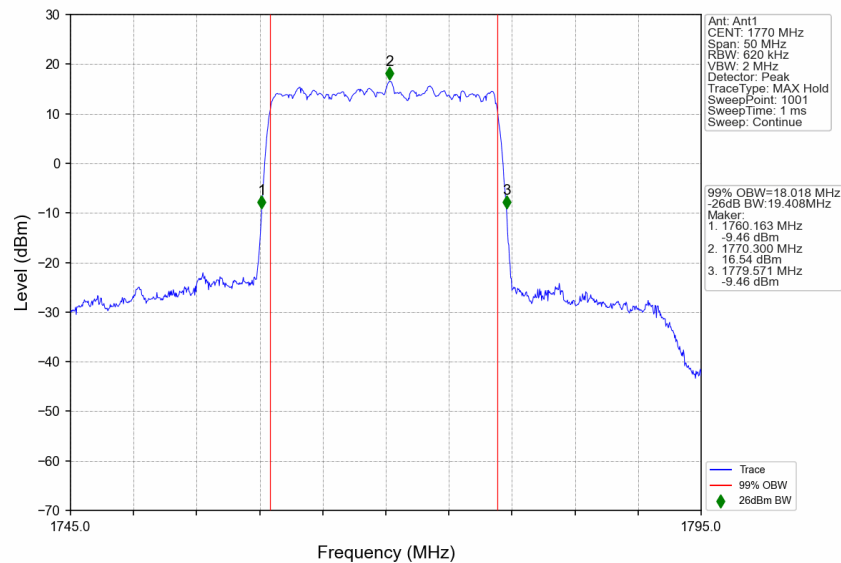
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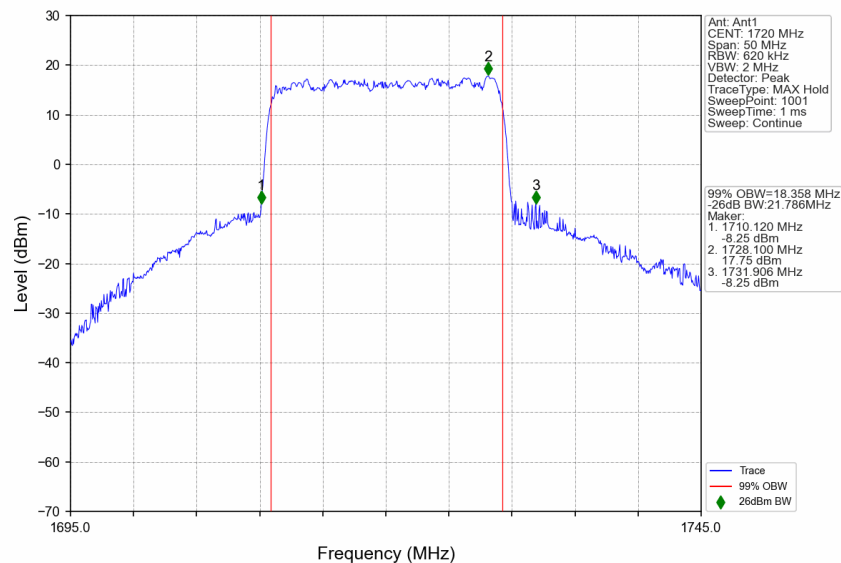
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n66_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM_256_QAM_1770MHz_Outer_Full



n66_30kHz_SISO_NTNV_20MHz_CP-OFDM_QPSK_1720MHz_Outer_Full



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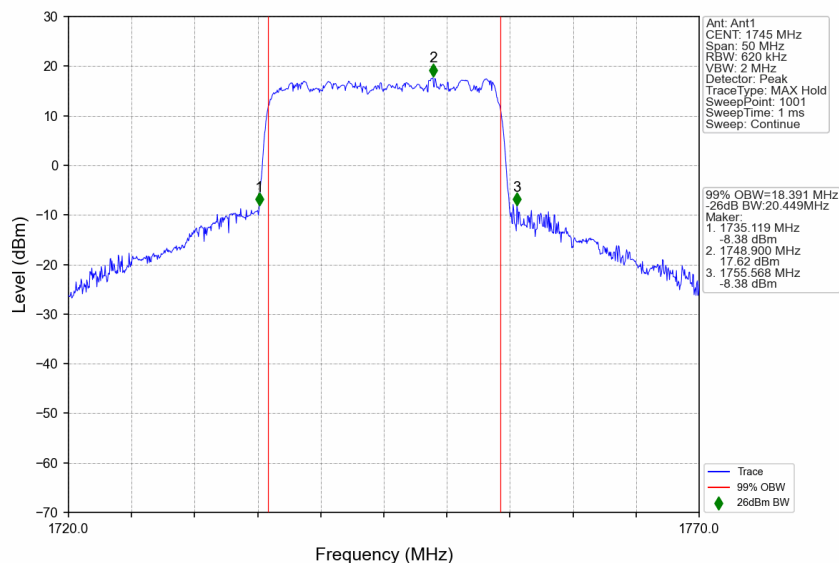
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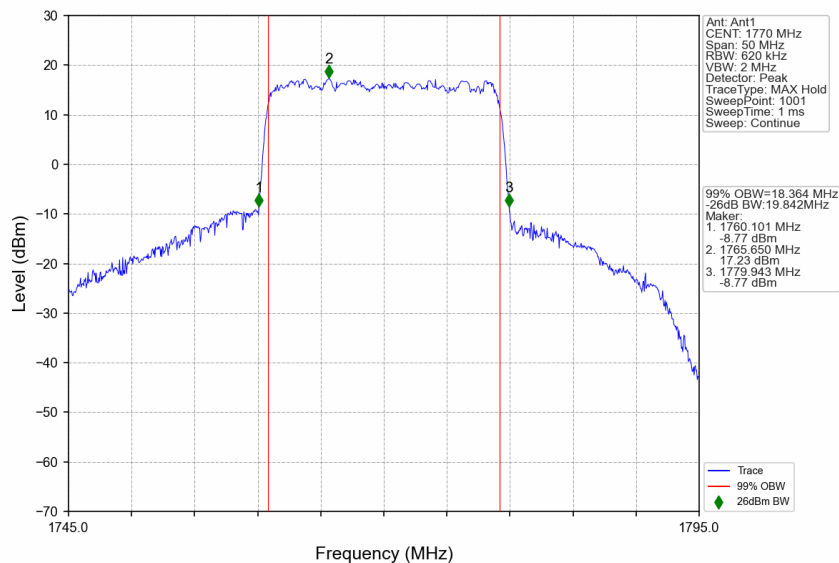
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n66_30kHz_SISO_NTNV_20MHz_CP-OFDM QPSK_1745MHz_Outer_Full



n66_30kHz_SISO_NTNV_20MHz_CP-OFDM QPSK_1770MHz_Outer_Full



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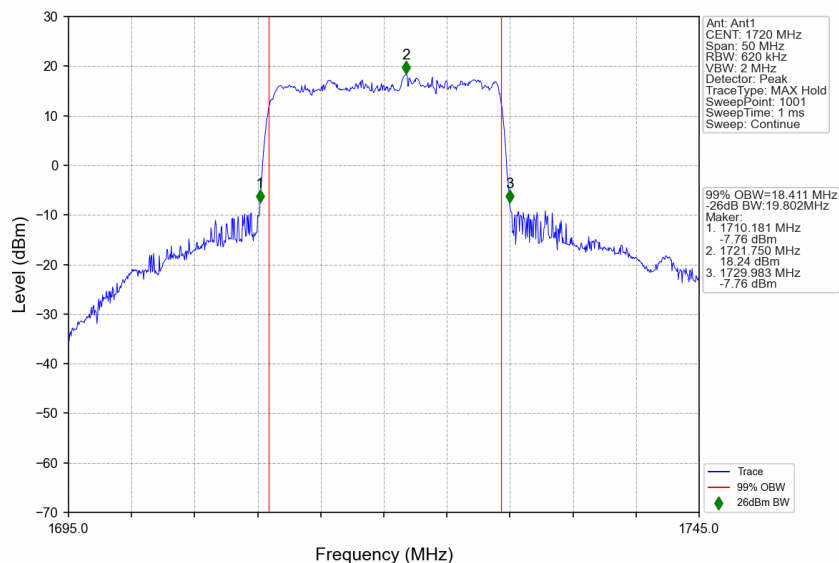
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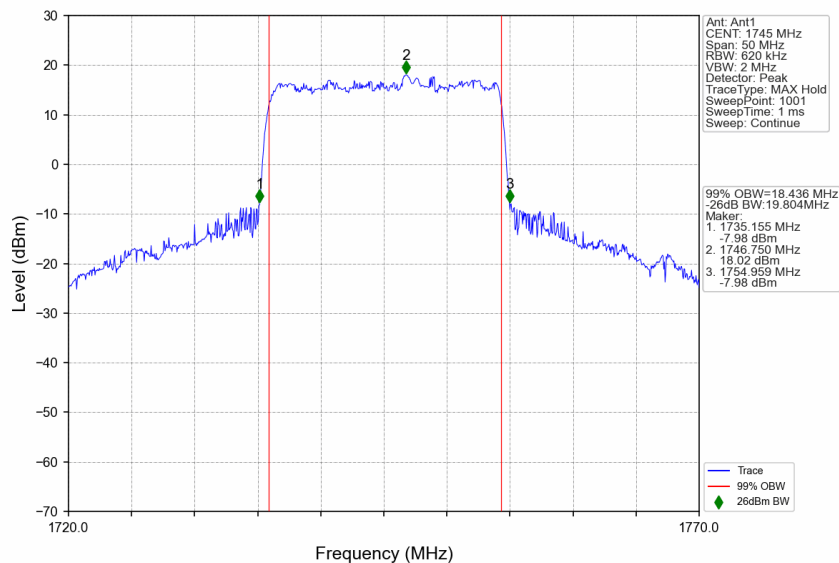
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n66_30kHz_SISO_NTNV_20MHz_CP-OFDM_16_QAM_1720MHz_Outer_Full



n66_30kHz_SISO_NTNV_20MHz_CP-OFDM_16_QAM_1745MHz_Outer_Full



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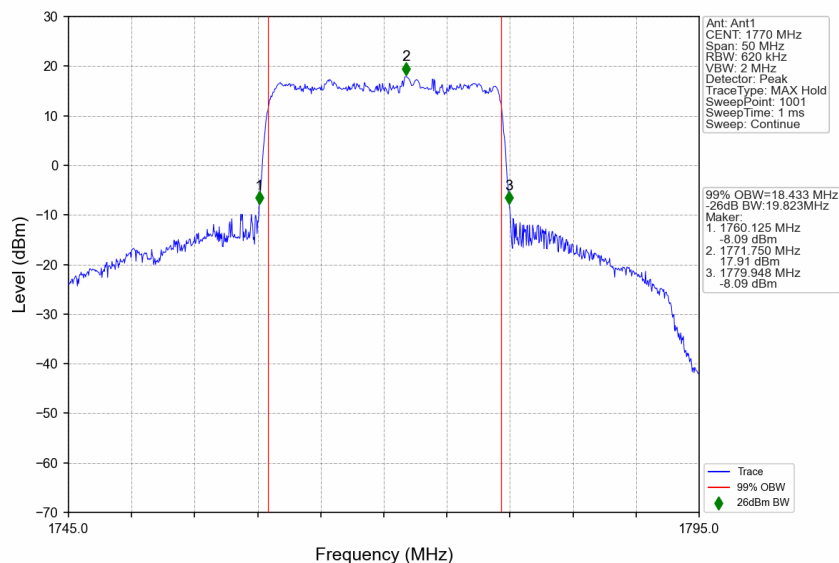
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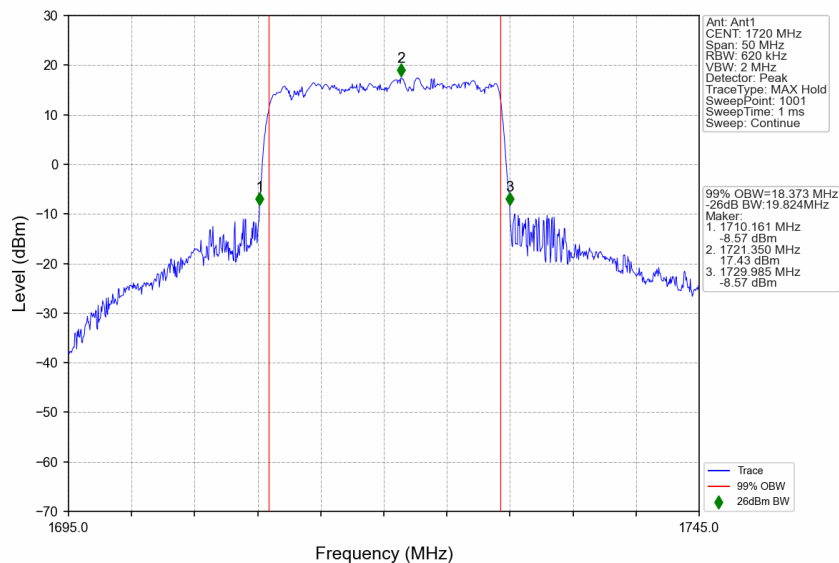
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n66_30kHz_SISO_NTNV_20MHz_CP-OFDM 16 QAM_1770MHz_Outer_Full



n66_30kHz_SISO_NTNV_20MHz_CP-OFDM 64 QAM_1720MHz_Outer_Full



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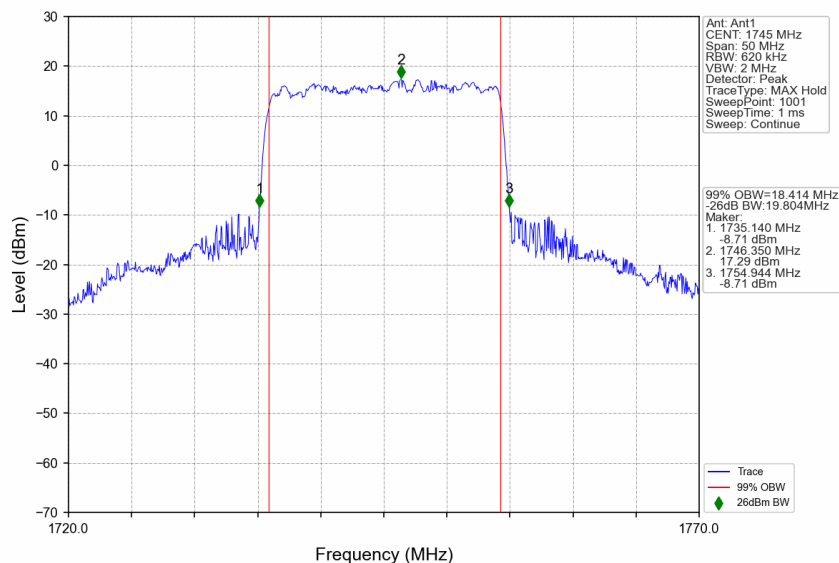
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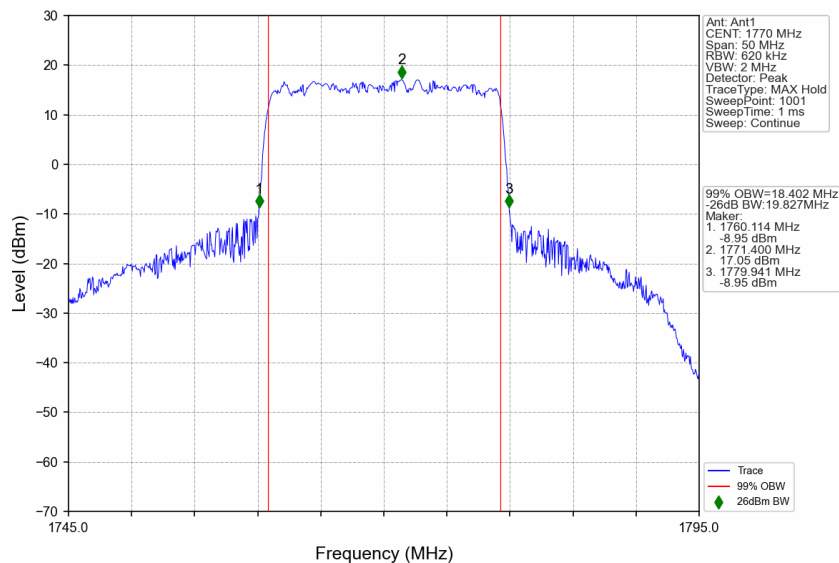
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n66_30kHz_SISO_NTNV_20MHz_CP-OFDM 64 QAM_1745MHz_Outer_Full



n66_30kHz_SISO_NTNV_20MHz_CP-OFDM 64 QAM_1770MHz_Outer_Full



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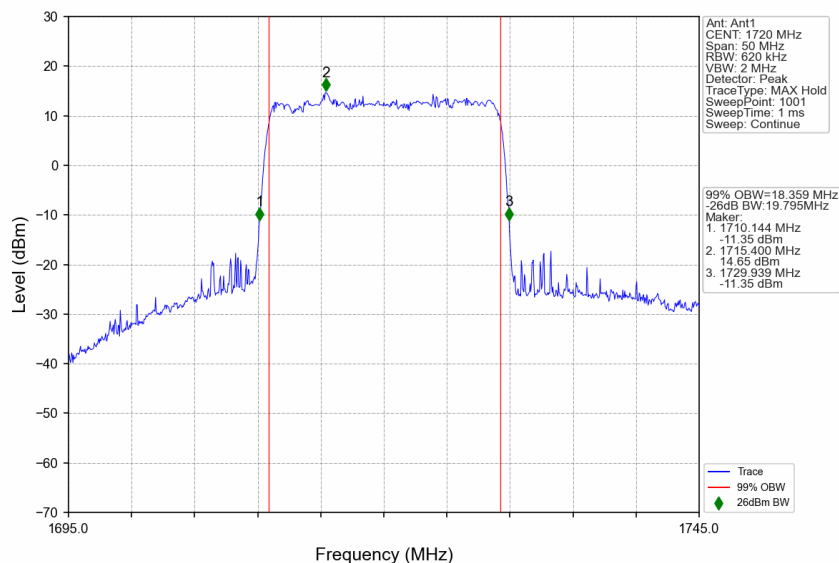
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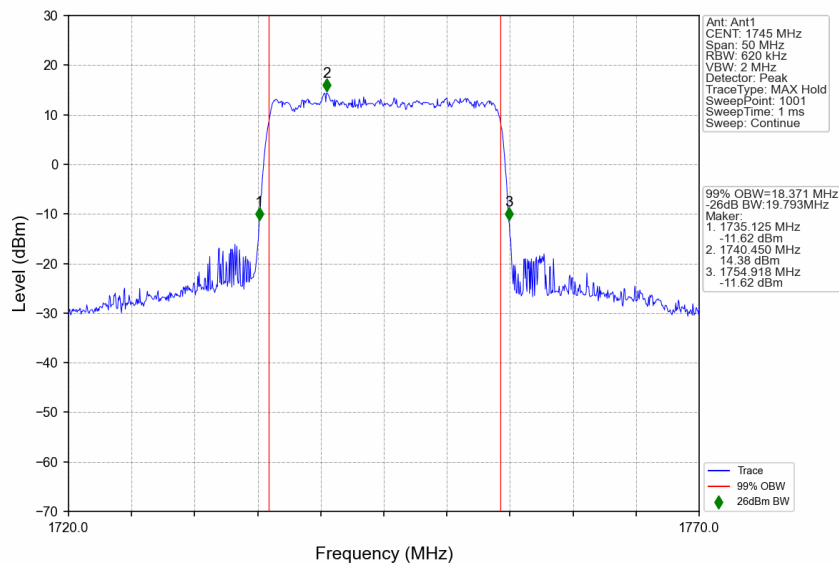
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n66_30kHz_SISO_NTNV_20MHz_CP-OFDM 256 QAM_1720MHz_Outer_Full



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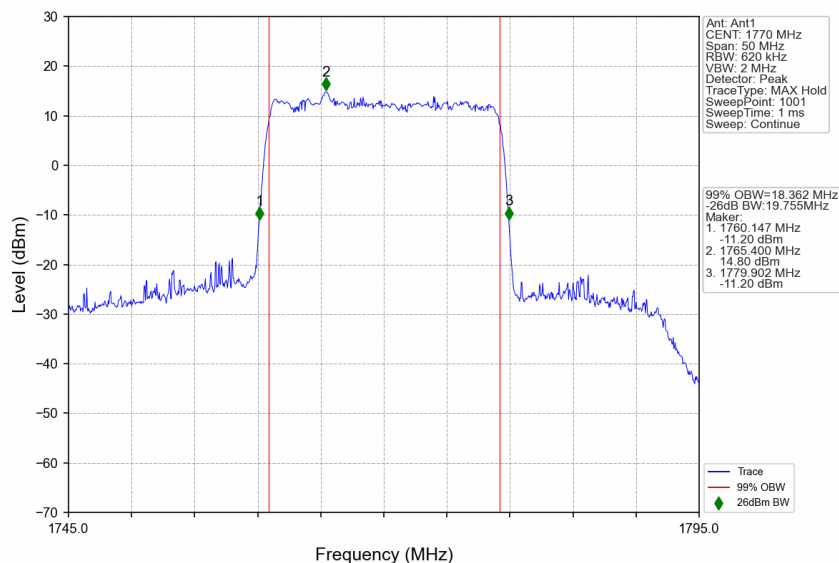
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4.12 30k_SISO_25MHz_NTNV

4.13.1 Test Result

5G NR n66 SCS=30kHz SISO 25MHz NTV						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	1722.5	Outer Full	23.11	24.80	/	Pass
	1745	Outer Full	23.12	24.76	/	Pass
	1767.5	Outer Full	23.11	24.82	/	Pass
DFT-s-OFDM QPSK	1722.5	Outer Full	23.13	24.80	/	Pass
	1745	Outer Full	23.16	24.80	/	Pass
	1767.5	Outer Full	23.14	24.76	/	Pass
DFT-s-OFDM 16 QAM	1722.5	Outer Full	23.07	24.77	/	Pass
	1745	Outer Full	23.10	24.81	/	Pass
	1767.5	Outer Full	23.09	24.77	/	Pass
DFT-s-OFDM 64 QAM	1722.5	Outer Full	23.09	24.77	/	Pass
	1745	Outer Full	23.11	24.78	/	Pass
	1767.5	Outer Full	23.11	24.78	/	Pass
DFT-s-OFDM 256 QAM	1722.5	Outer Full	22.99	24.80	/	Pass
	1745	Outer Full	22.99	24.73	/	Pass
	1767.5	Outer Full	22.97	24.70	/	Pass
CP-OFDM QPSK	1722.5	Outer Full	23.39	25.08	/	Pass
	1745	Outer Full	23.41	25.10	/	Pass
	1767.5	Outer Full	23.39	25.07	/	Pass
CP-OFDM 16 QAM	1722.5	Outer Full	23.46	25.20	/	Pass
	1745	Outer Full	23.49	25.19	/	Pass
	1767.5	Outer Full	23.47	25.16	/	Pass
CP-OFDM 64 QAM	1722.5	Outer Full	23.46	25.11	/	Pass
	1745	Outer Full	23.48	25.13	/	Pass
	1767.5	Outer Full	23.45	25.13	/	Pass
CP-OFDM 256 QAM	1722.5	Outer Full	23.35	25.15	/	Pass
	1745	Outer Full	23.39	25.23	/	Pass
	1767.5	Outer Full	23.39	25.15	/	Pass



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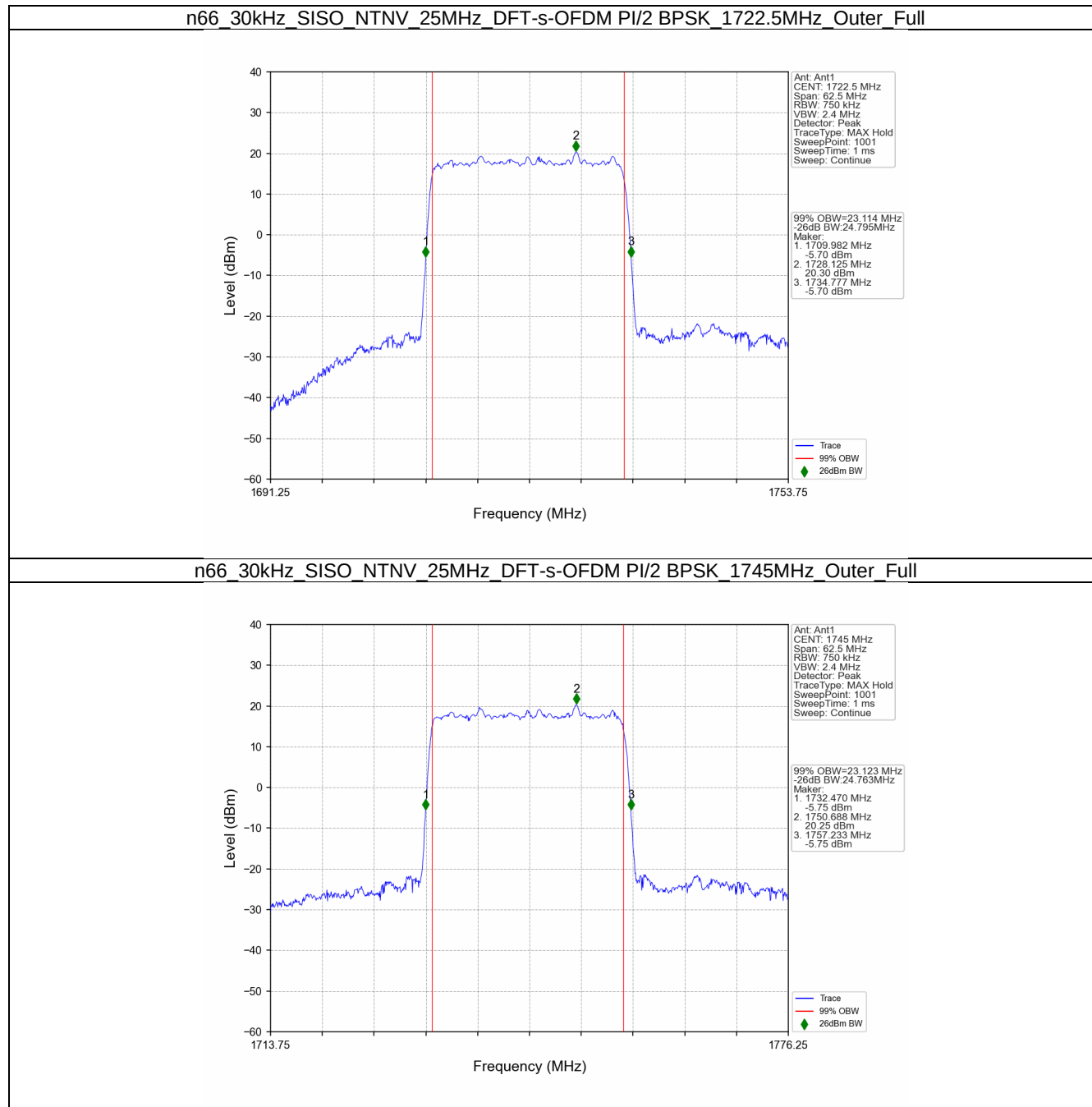
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4.12.2 Test Graph



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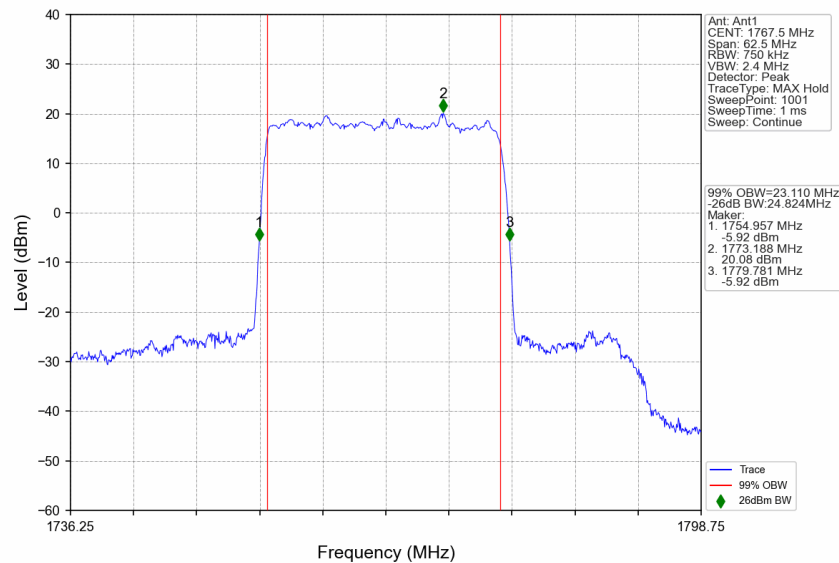
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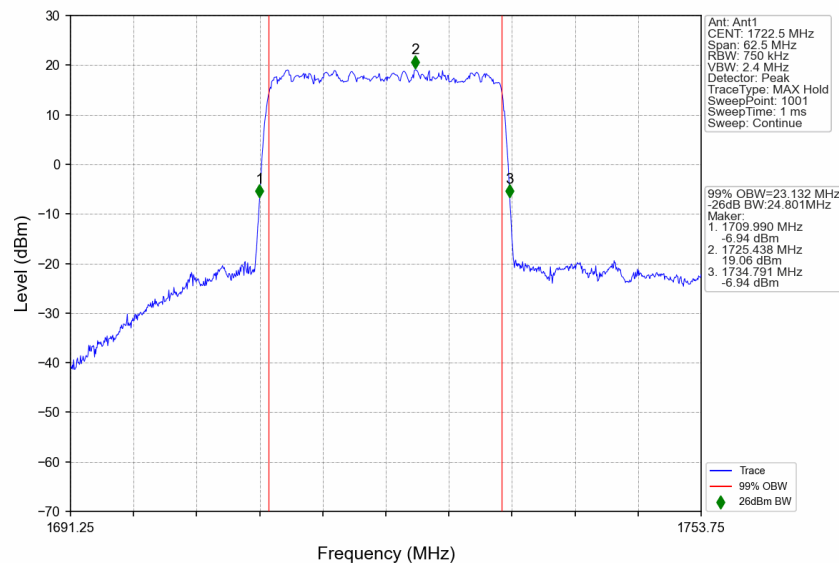
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n66_30kHz_SISO_NTNV_25MHz_DFT-s-OFDM PI/2 BPSK_1767.5MHz_Outer_Full



n66_30kHz_SISO_NTNV_25MHz_DFT-s-OFDM QPSK_1722.5MHz_Outer_Full



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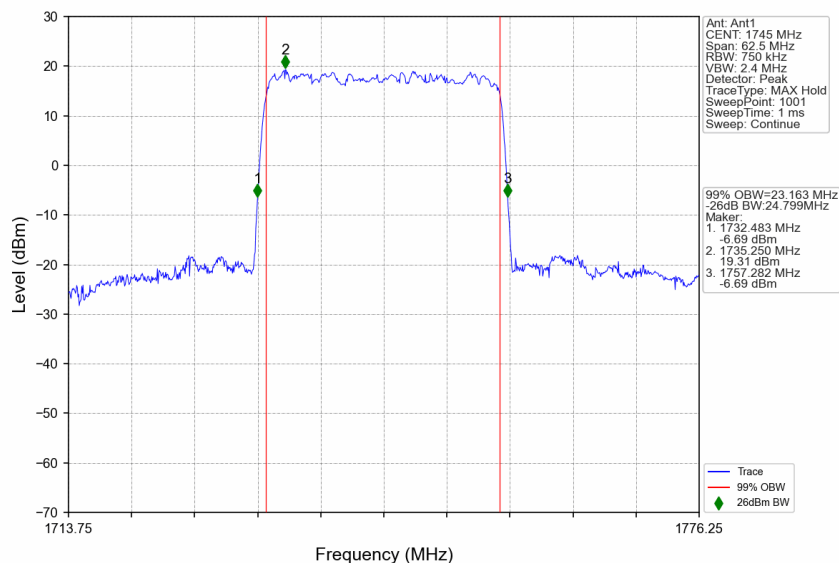
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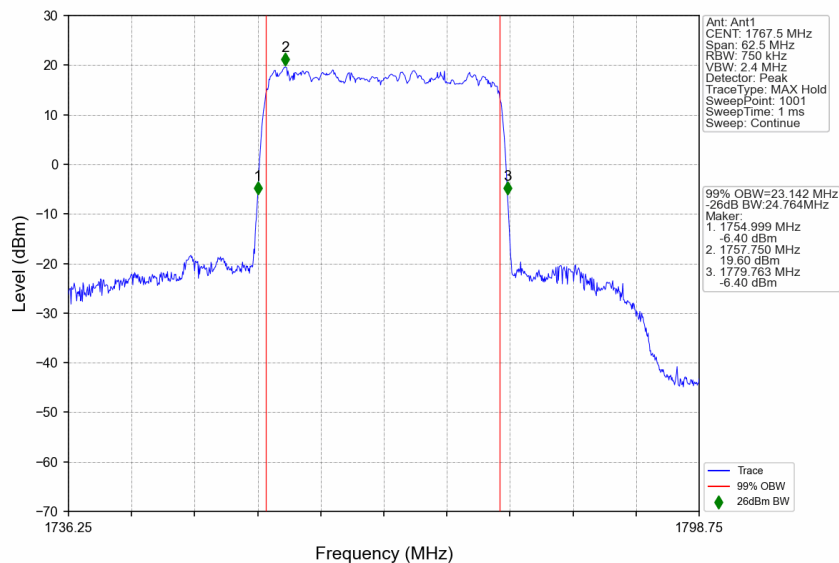
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n66_30kHz_SISO_NTNV_25MHz_DFT-s-OFDM QPSK_1745MHz_Outer_Full



n66_30kHz_SISO_NTNV_25MHz_DFT-s-OFDM QPSK_1767.5MHz_Outer_Full



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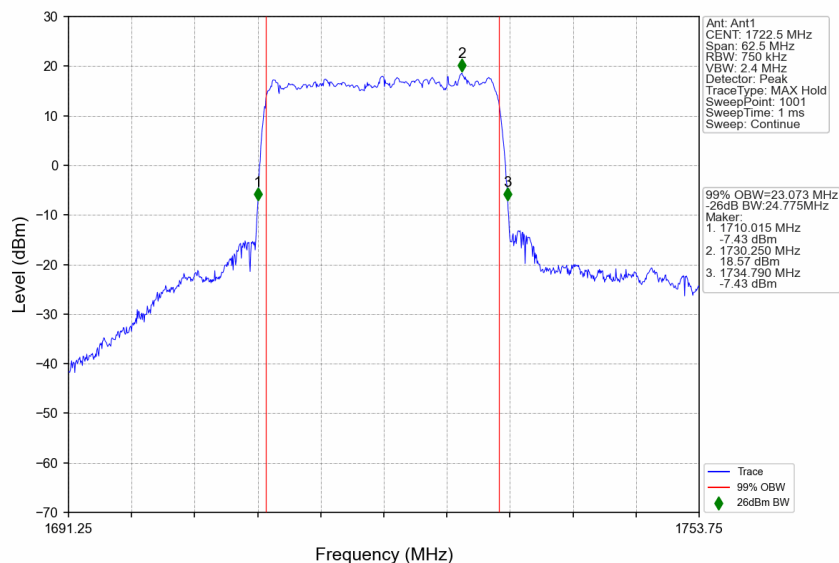
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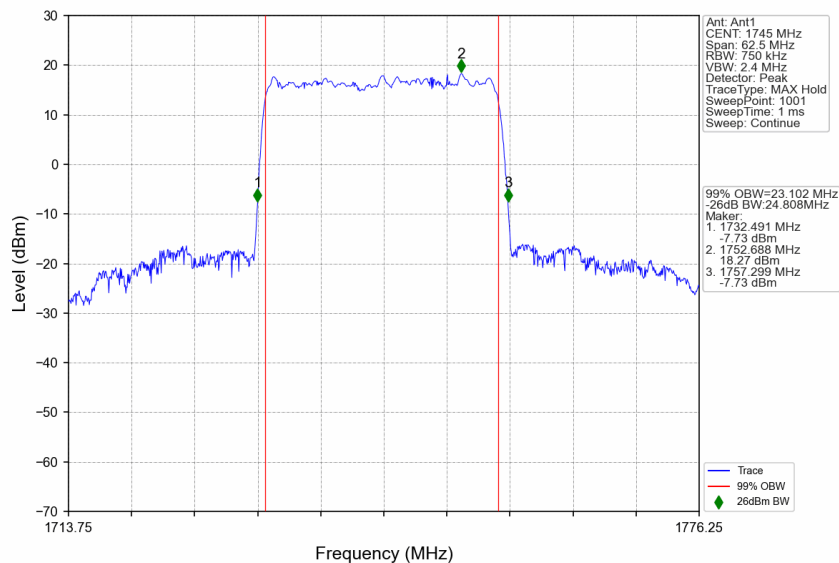
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n66_30kHz_SISO_NTNV_25MHz_DFT-s-OFDM_16_QAM_1722.5MHz_Outer_Full



n66_30kHz_SISO_NTNV_25MHz_DFT-s-OFDM_16_QAM_1745MHz_Outer_Full



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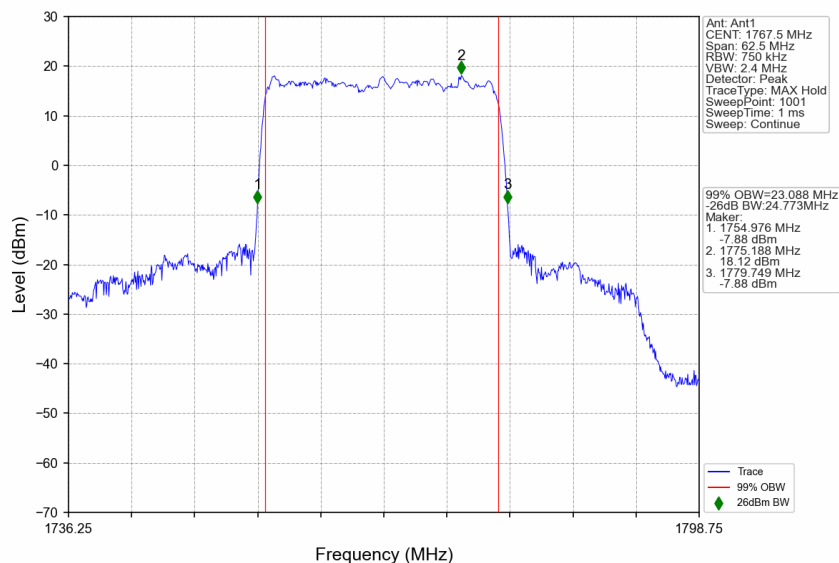
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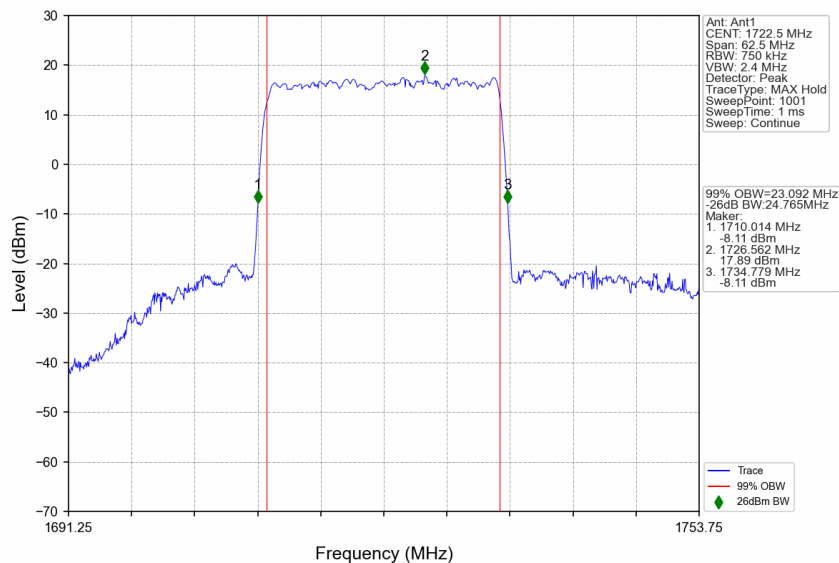
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n66_30kHz_SISO_NTNV_25MHz_DFT-s-OFDM_16_QAM_1767.5MHz_Outer_Full



n66_30kHz_SISO_NTNV_25MHz_DFT-s-OFDM_64_QAM_1722.5MHz_Outer_Full



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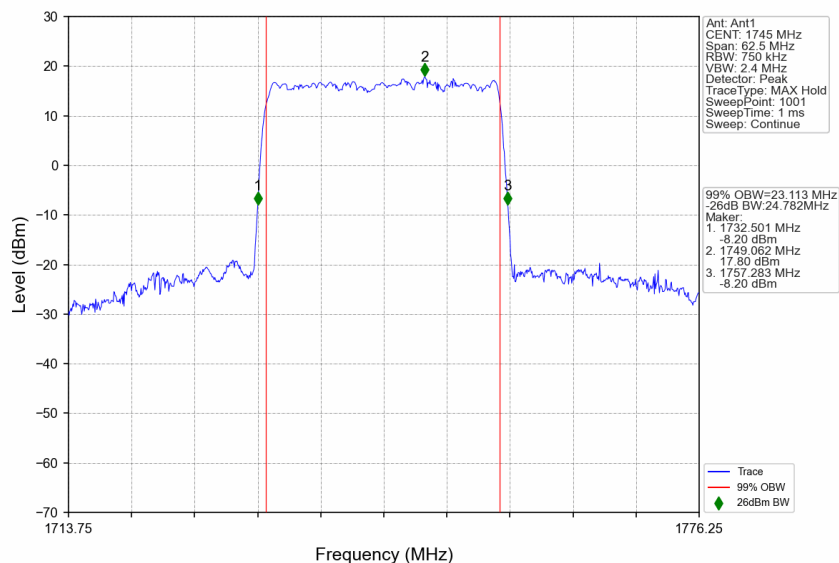
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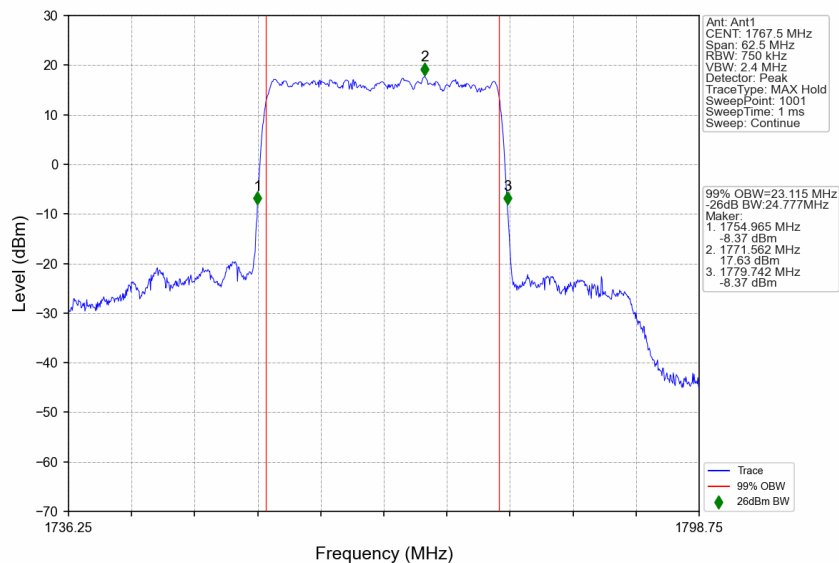
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n66_30kHz_SISO_NTNV_25MHz_DFT-s-OFDM_64_QAM_1745MHz_Outer_Full



n66_30kHz_SISO_NTNV_25MHz_DFT-s-OFDM_64_QAM_1767.5MHz_Outer_Full



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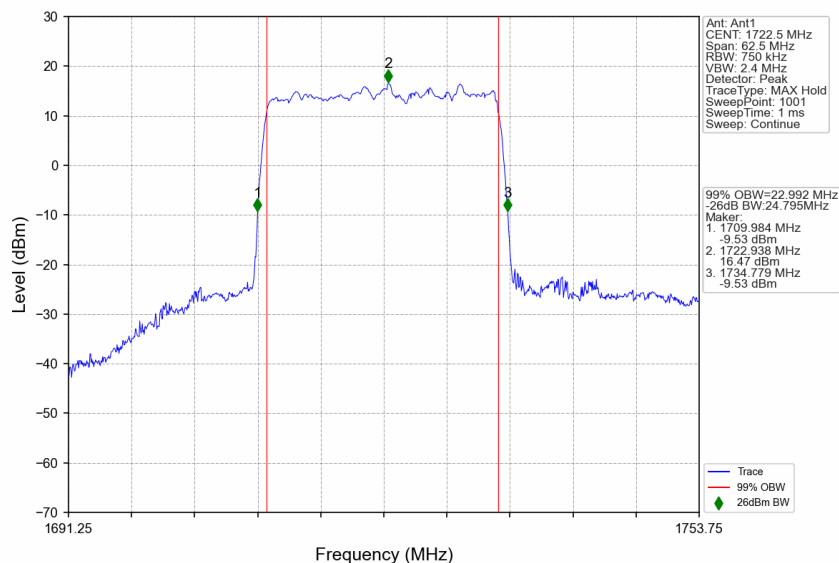
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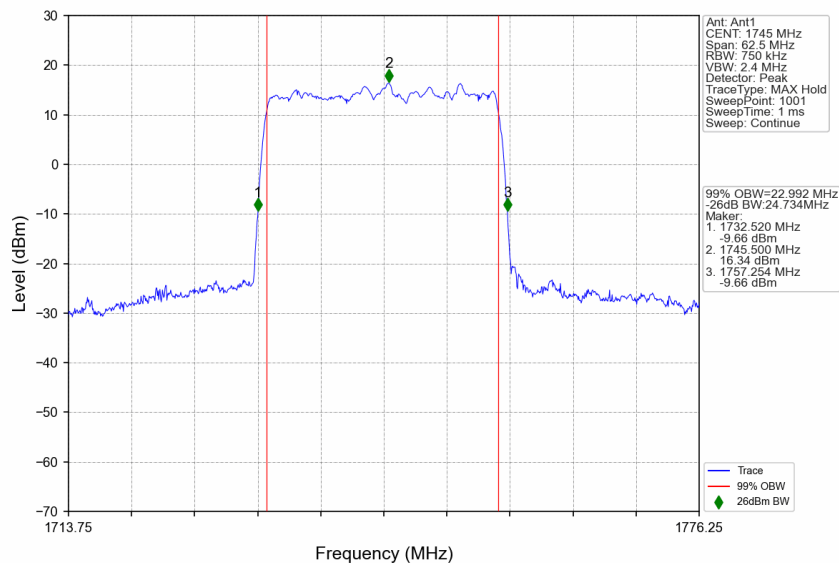
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n66_30kHz_SISO_NTNV_25MHz_DFT-s-OFDM_256_QAM_1722.5MHz_Outer_Full



n66_30kHz_SISO_NTNV_25MHz_DFT-s-OFDM_256_QAM_1745MHz_Outer_Full



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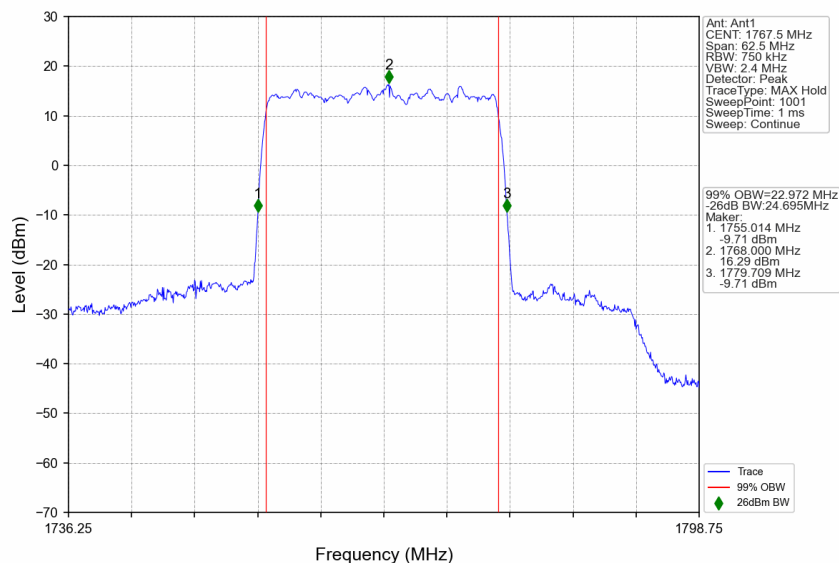
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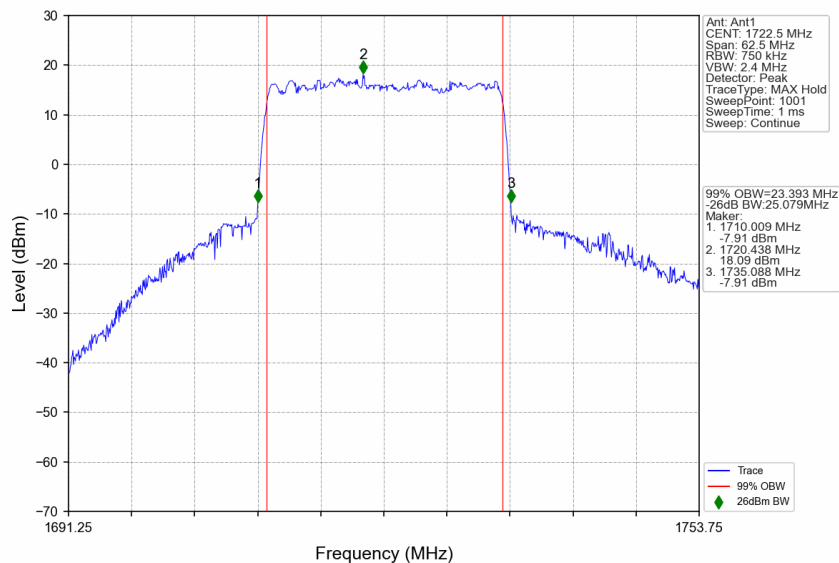
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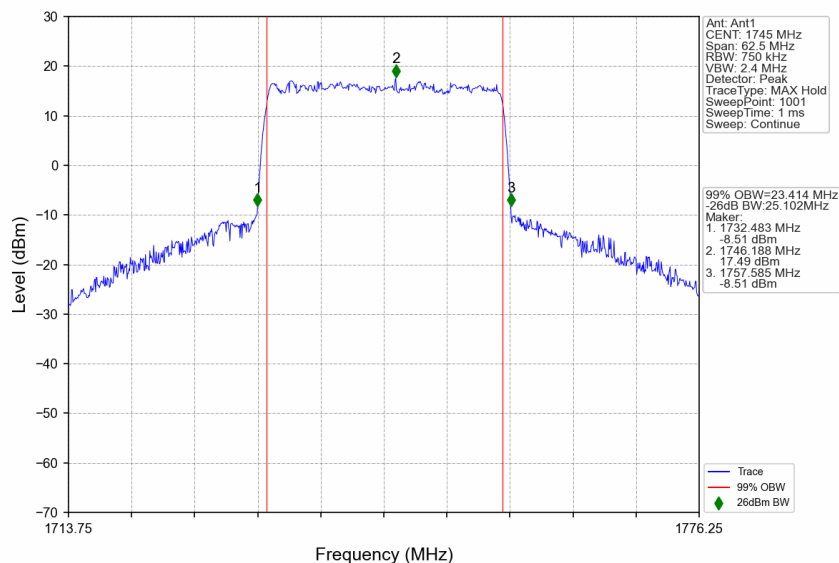
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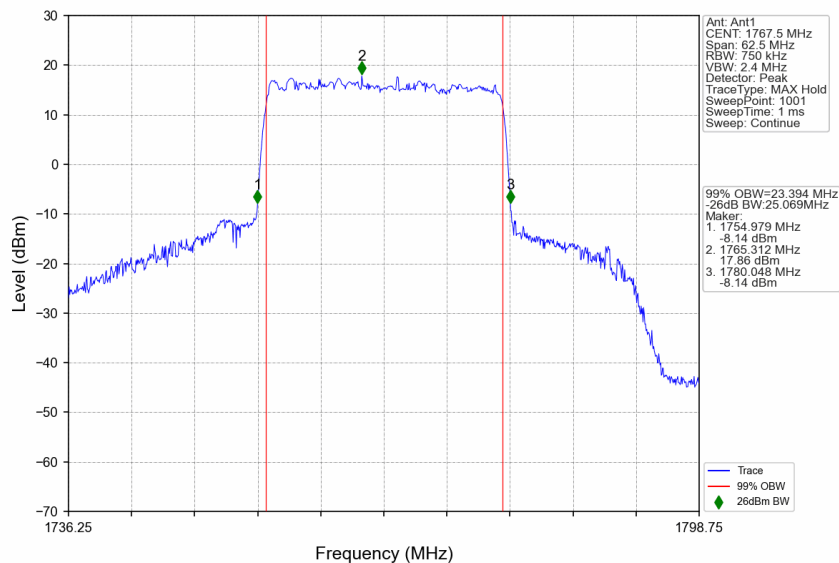
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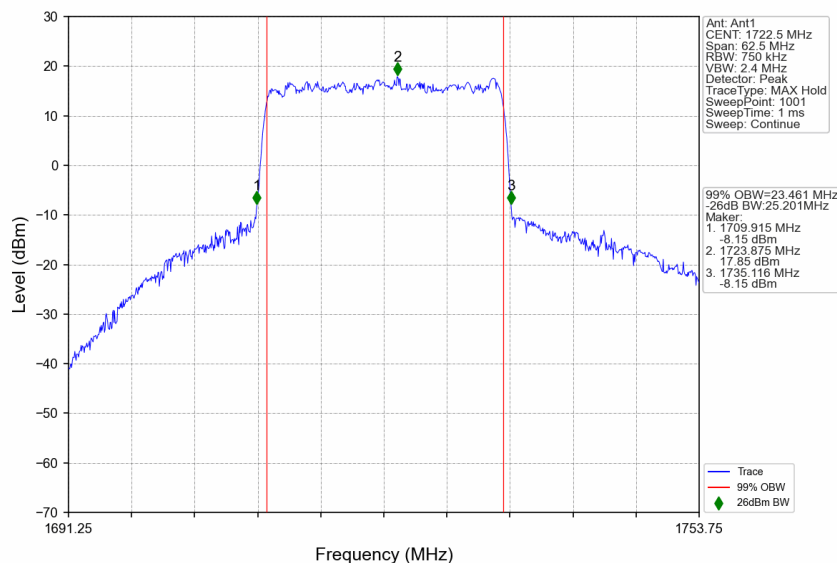
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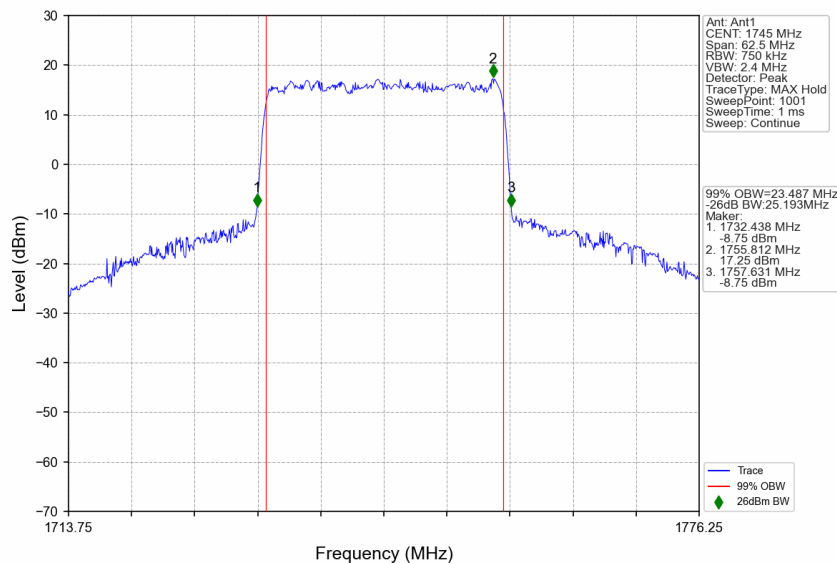
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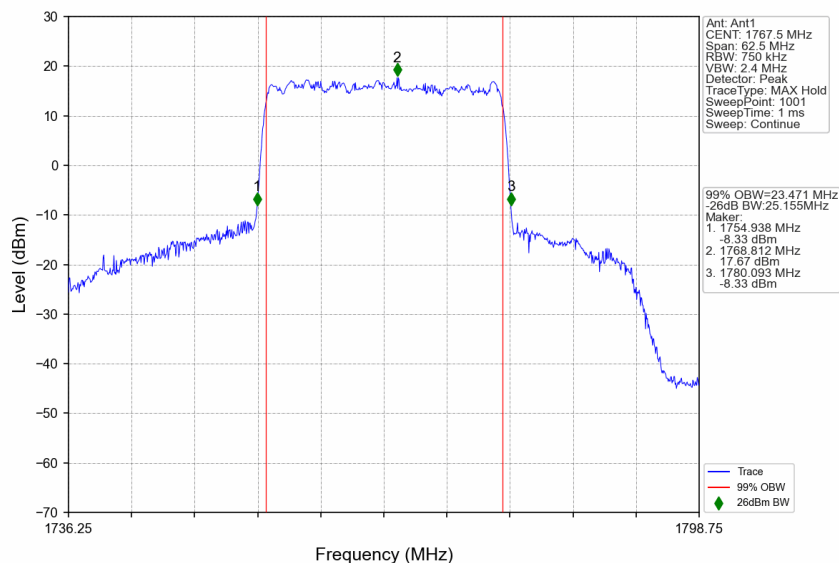
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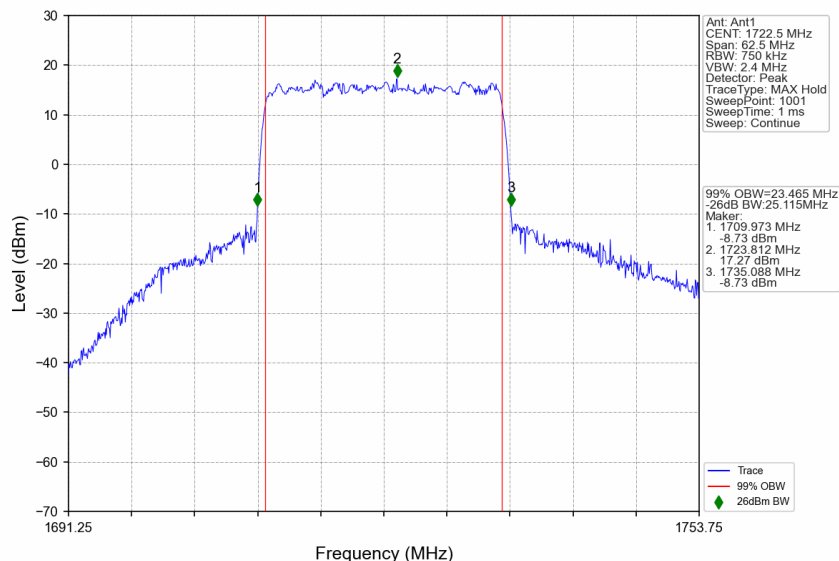
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n66_30kHz_SISO_NTNV_25MHz_CP-OFDM 64 QAM_1722.5MHz_Outer_Full



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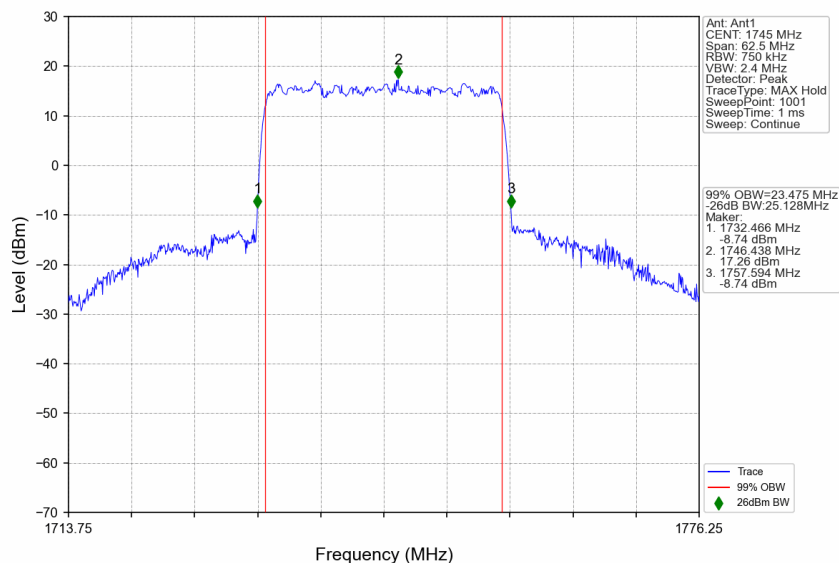
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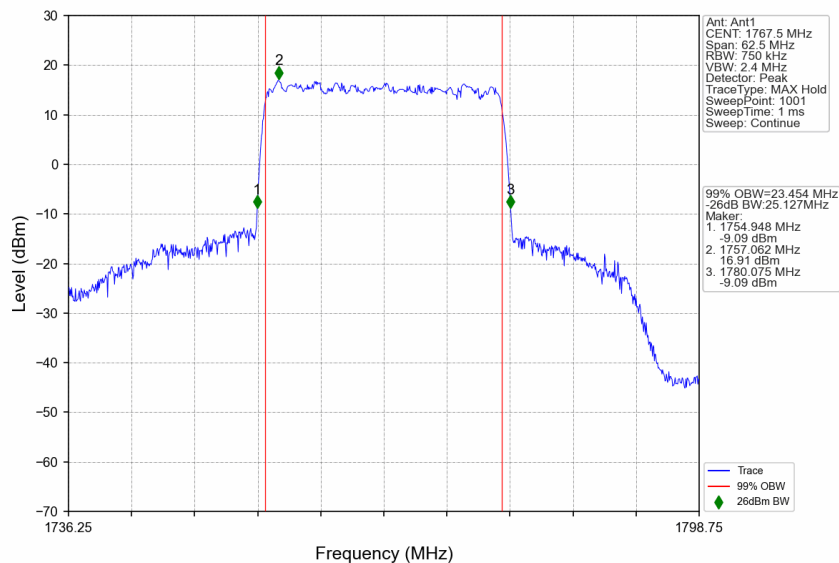
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n66_30kHz_SISO_NTNV_25MHz_CP-OFDM_64_QAM_1745MHz_Outer_Full



n66_30kHz_SISO_NTNV_25MHz_CP-OFDM_64_QAM_1767.5MHz_Outer_Full



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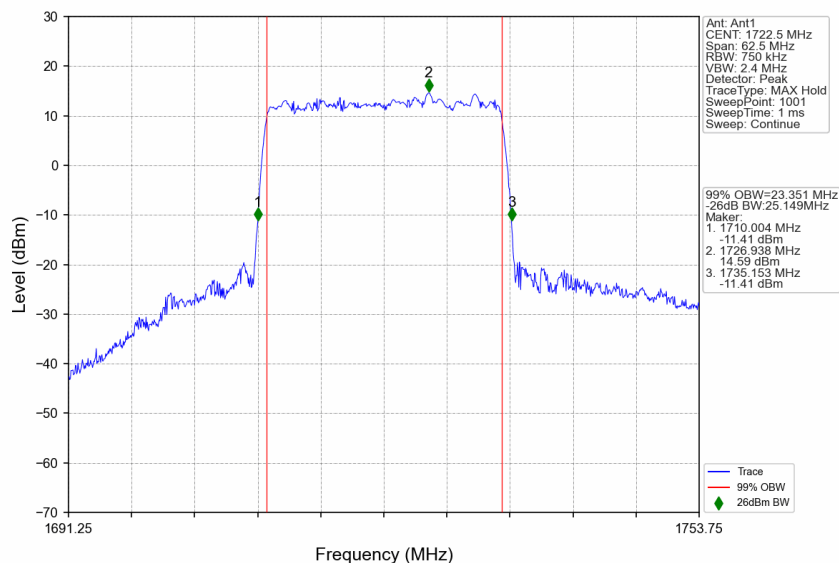
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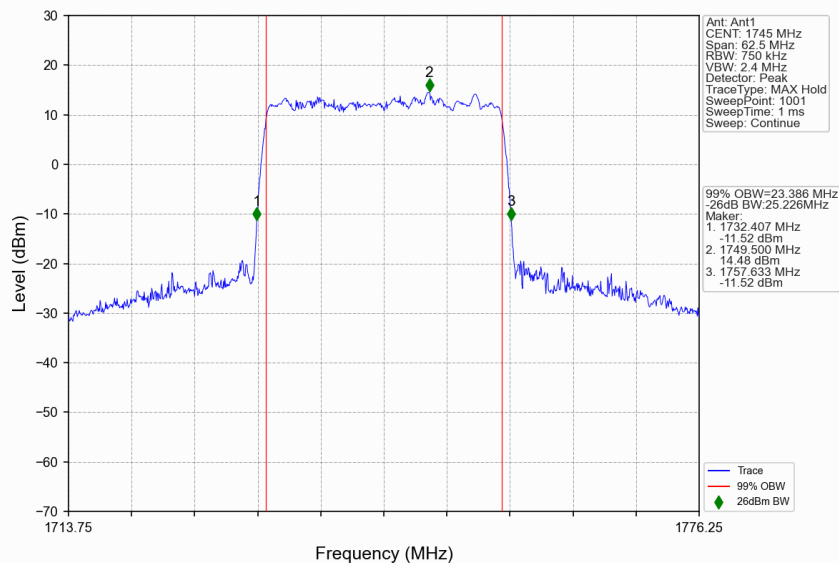
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n66_30kHz_SISO_NTNV_25MHz_CP-OFDM_256_QAM_1722.5MHz_Outer_Full



n66_30kHz_SISO_NTNV_25MHz_CP-OFDM_256_QAM_1745MHz_Outer_Full



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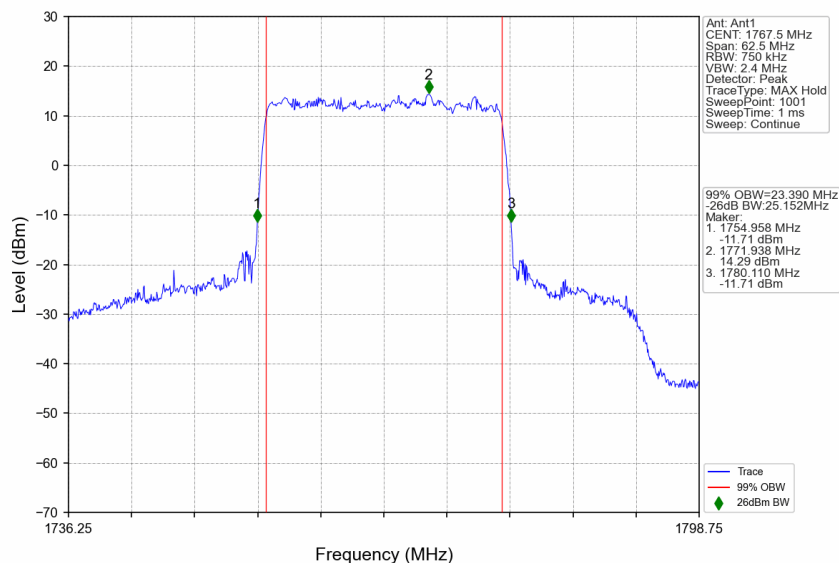
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4.13 30k_SISO_30MHz_NTNV

4.13.1 Test Result

5G NR n66 SCS=30kHz SISO 30MHz NTV						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	1725	Outer Full	27.14	29.11	/	Pass
	1745	Outer Full	27.13	29.14	/	Pass
	1765	Outer Full	27.13	29.11	/	Pass
DFT-s-OFDM QPSK	1725	Outer Full	27.10	29.34	/	Pass
	1745	Outer Full	27.08	29.15	/	Pass
	1765	Outer Full	27.11	29.33	/	Pass
DFT-s-OFDM 16 QAM	1725	Outer Full	27.06	29.29	/	Pass
	1745	Outer Full	27.08	29.13	/	Pass
	1765	Outer Full	27.06	29.31	/	Pass
DFT-s-OFDM 64 QAM	1725	Outer Full	27.10	29.23	/	Pass
	1745	Outer Full	27.13	29.31	/	Pass
	1765	Outer Full	27.12	29.20	/	Pass
DFT-s-OFDM 256 QAM	1725	Outer Full	27.05	29.15	/	Pass
	1745	Outer Full	27.04	29.09	/	Pass
	1765	Outer Full	27.08	29.23	/	Pass
CP-OFDM QPSK	1725	Outer Full	28.10	30.17	/	Pass
	1745	Outer Full	28.12	30.18	/	Pass
	1765	Outer Full	28.11	34.42	/	Pass
CP-OFDM 16 QAM	1725	Outer Full	28.12	30.13	/	Pass
	1745	Outer Full	28.15	32.24	/	Pass
	1765	Outer Full	28.14	34.37	/	Pass
CP-OFDM 64 QAM	1725	Outer Full	28.01	30.09	/	Pass
	1745	Outer Full	28.09	30.32	/	Pass
	1765	Outer Full	28.07	31.75	/	Pass
CP-OFDM 256 QAM	1725	Outer Full	28.03	30.23	/	Pass
	1745	Outer Full	28.04	30.30	/	Pass
	1765	Outer Full	28.05	30.32	/	Pass



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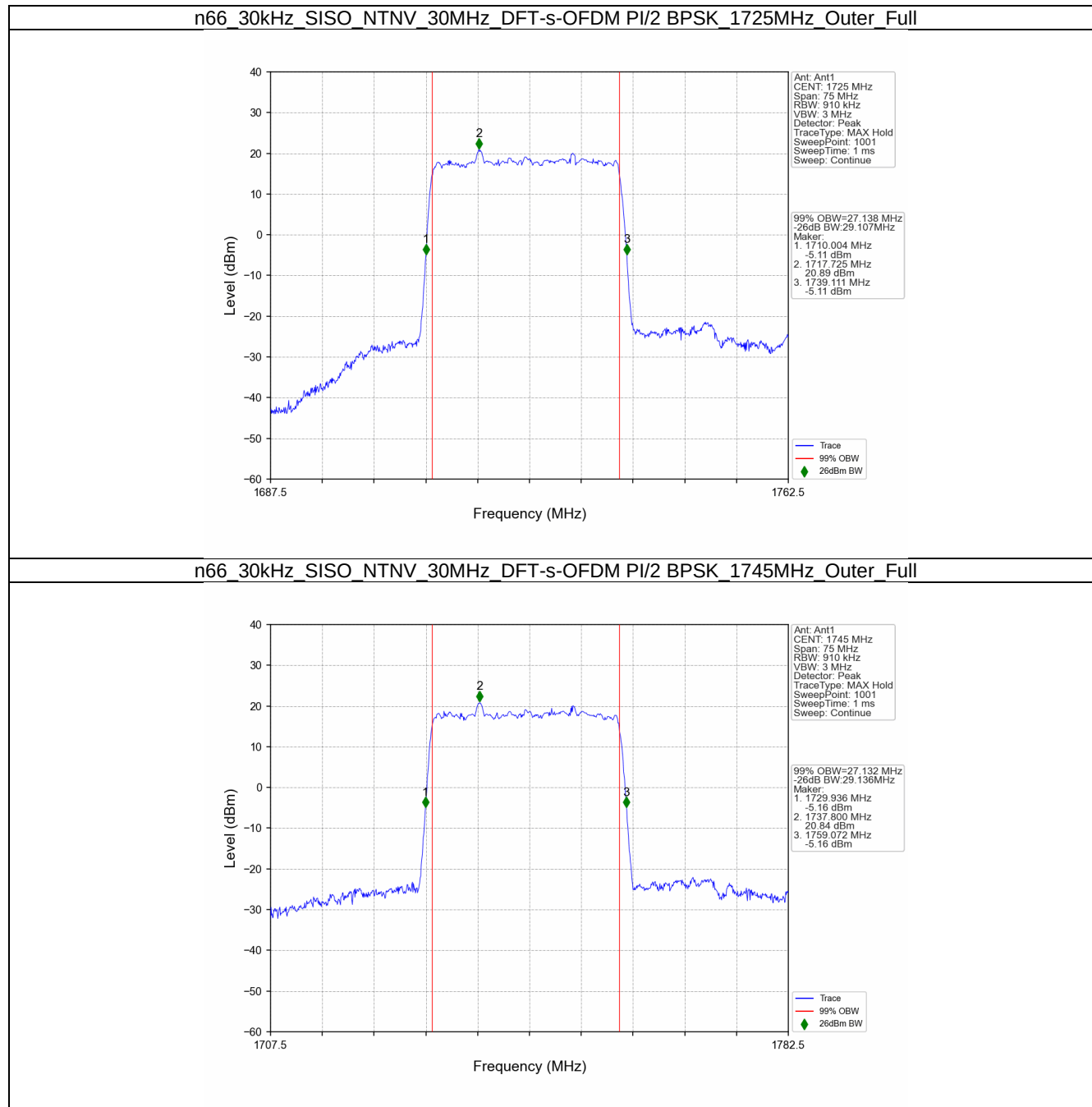
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4.13.2 Test Graph



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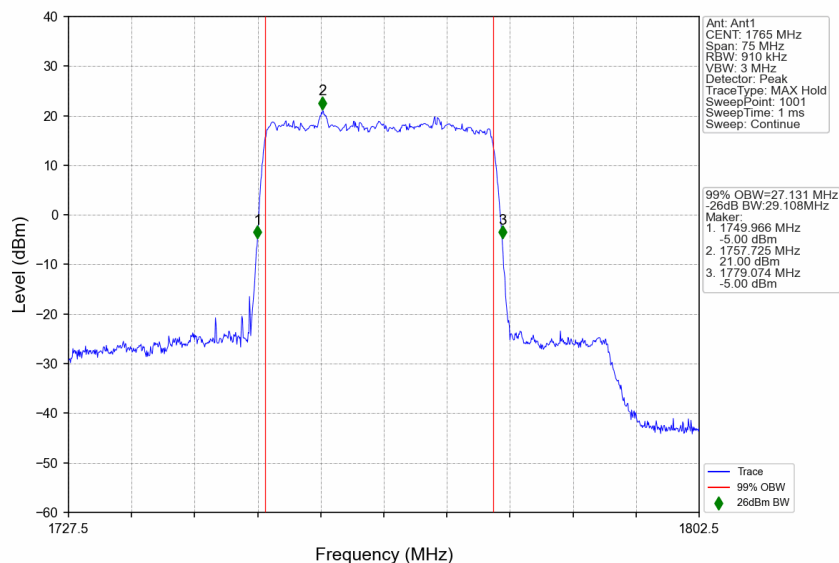
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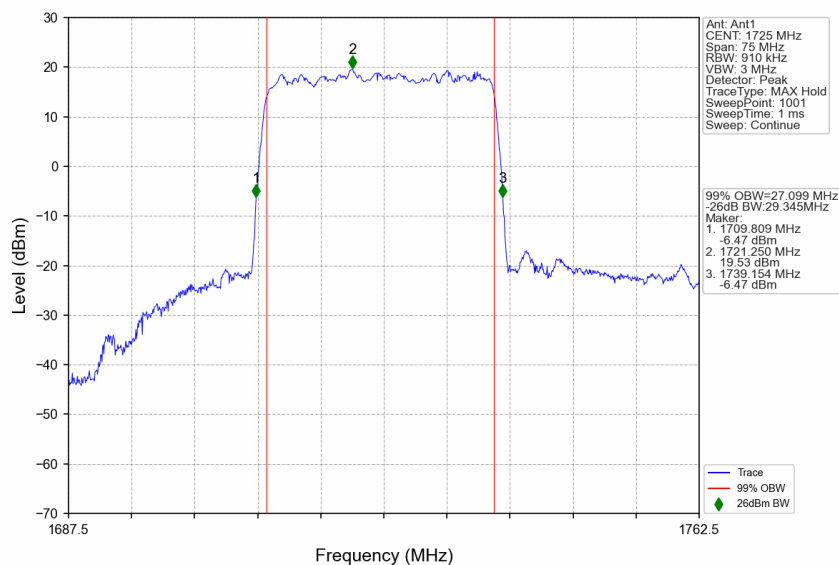
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n66_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM PI/2 BPSK_1765MHz_Outer_Full



n66_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM QPSK_1725MHz_Outer_Full



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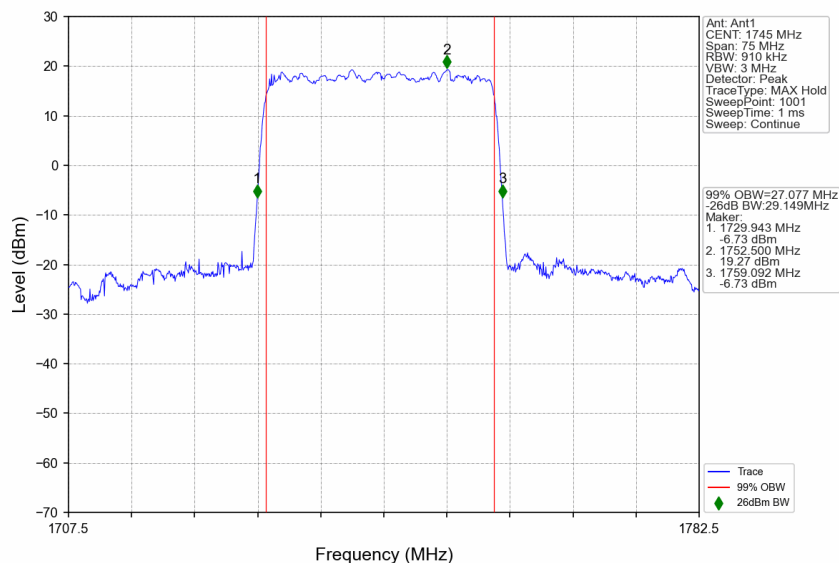
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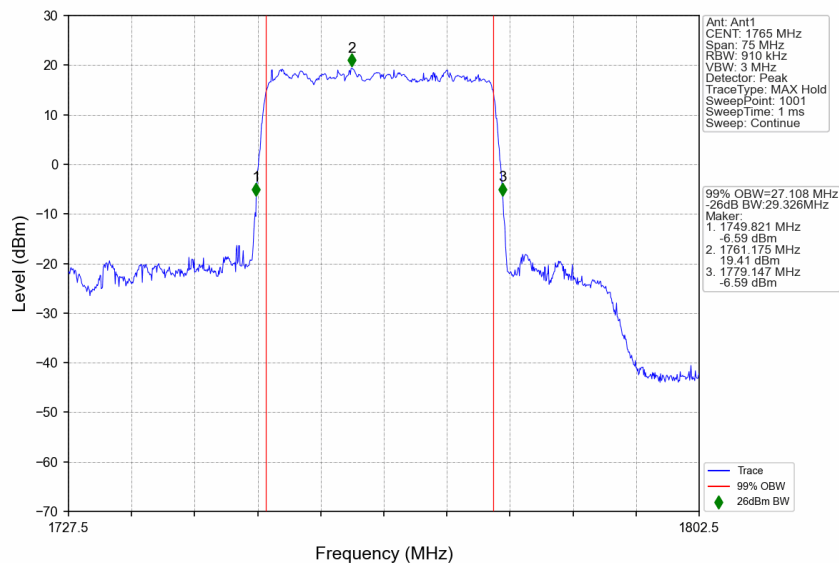
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n66_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM QPSK_1745MHz_Outer_Full



n66_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM QPSK_1765MHz_Outer_Full



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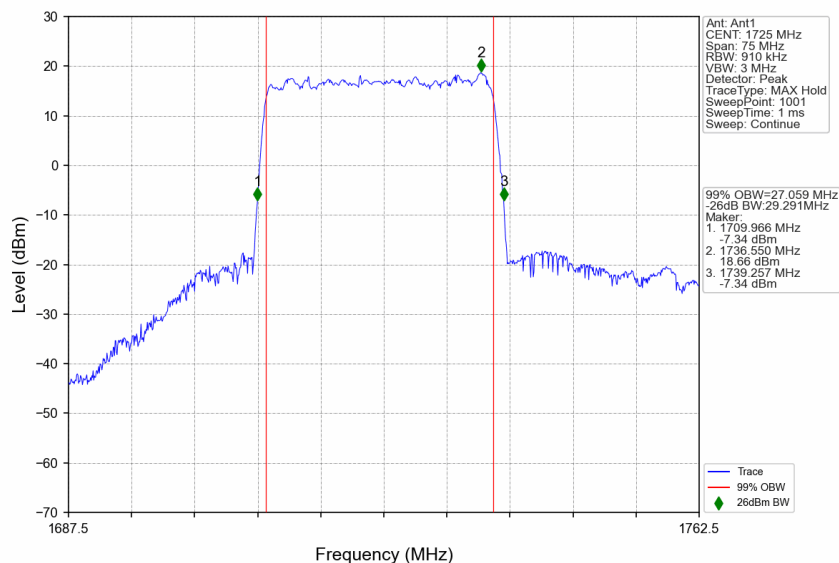
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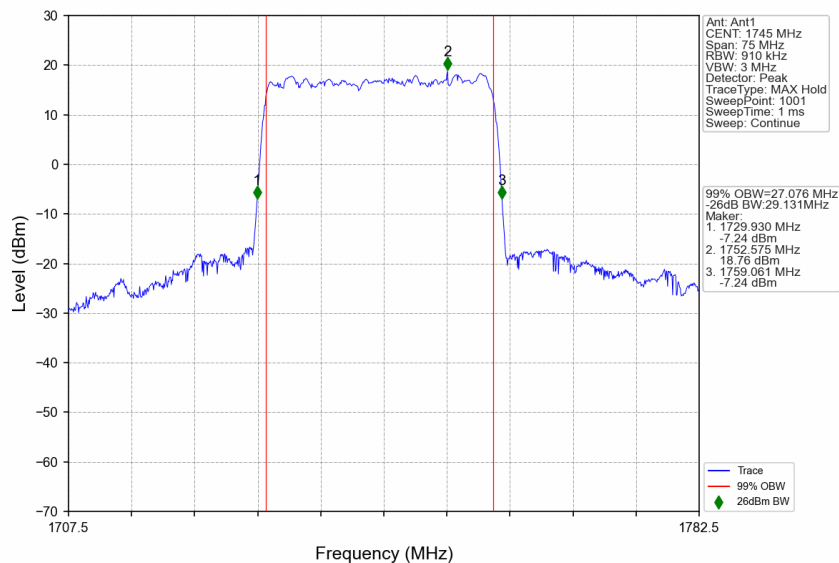
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n66_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM_16_QAM_1725MHz_Outer_Full



n66_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM_16_QAM_1745MHz_Outer_Full



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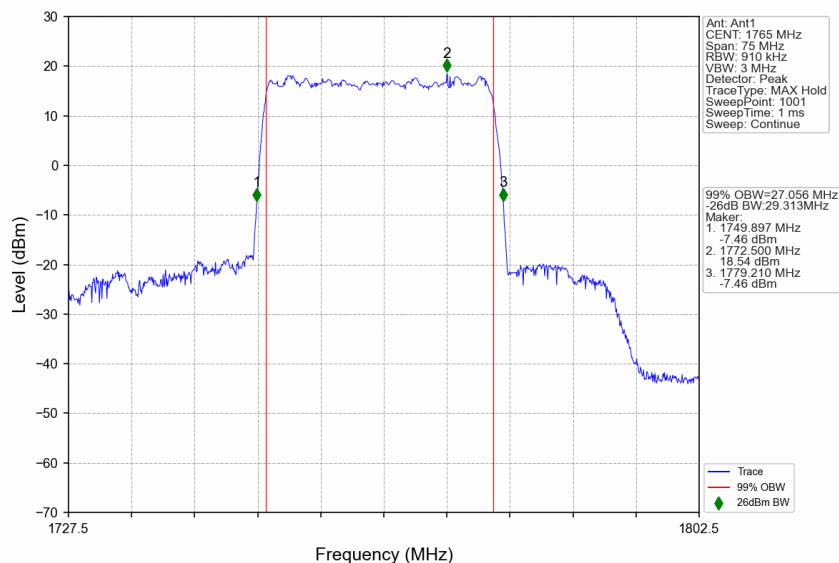
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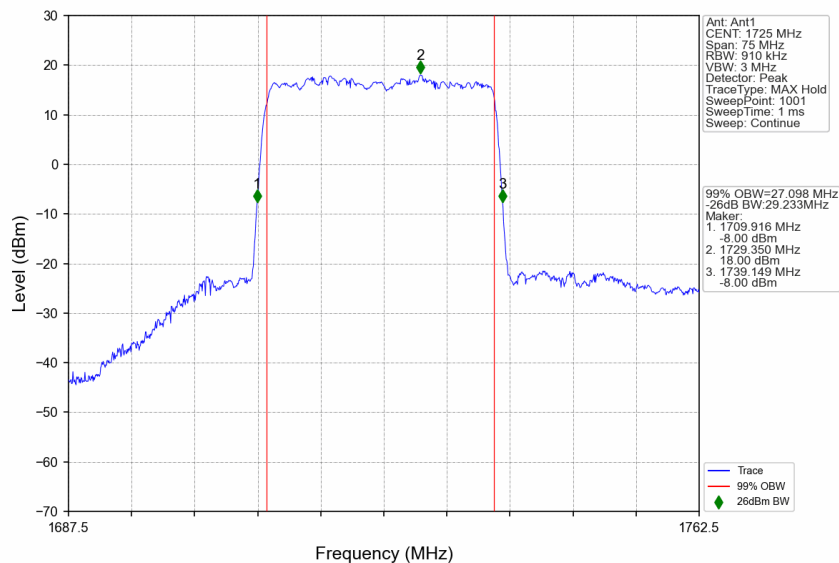
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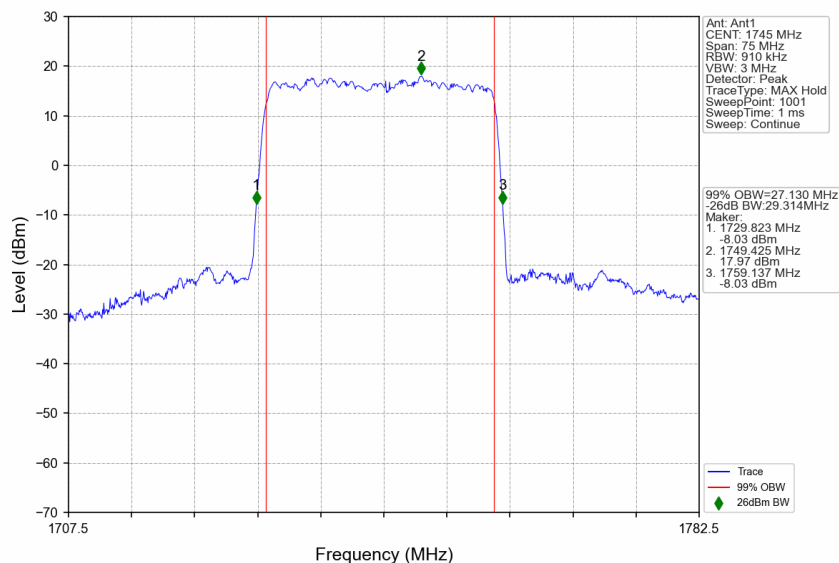
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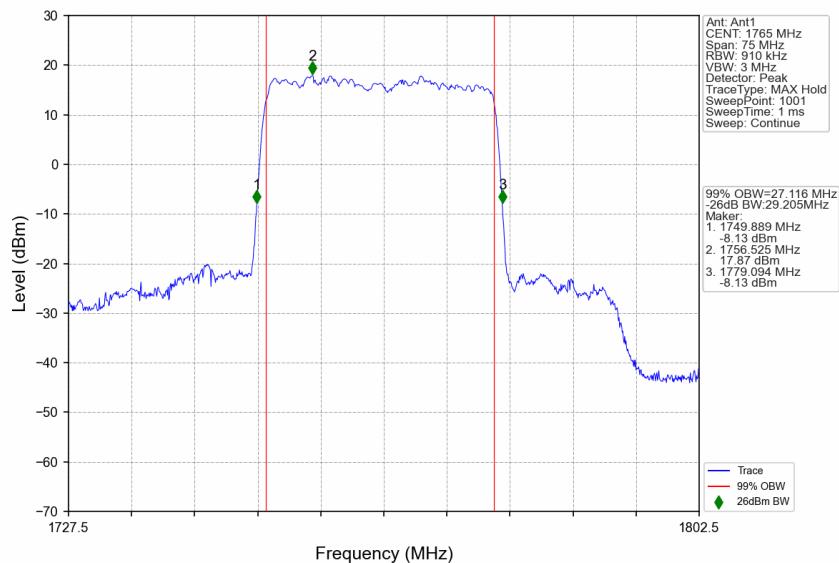
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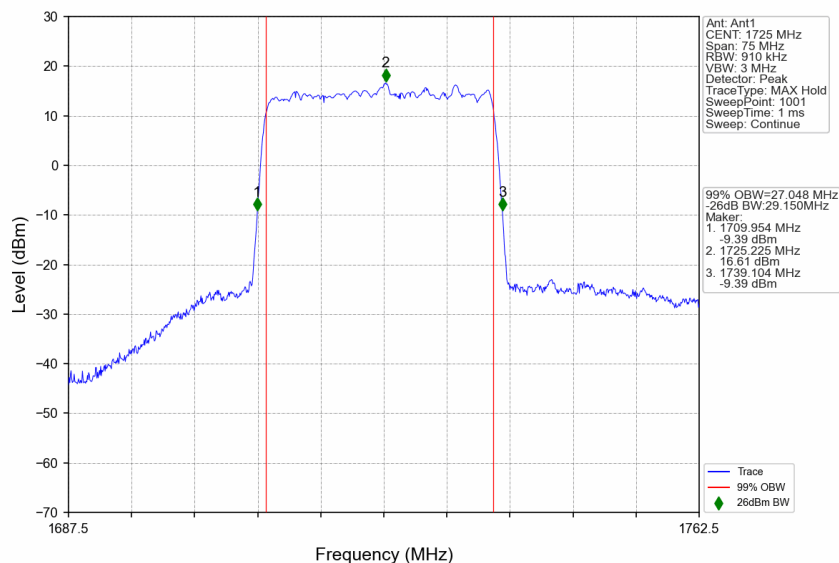
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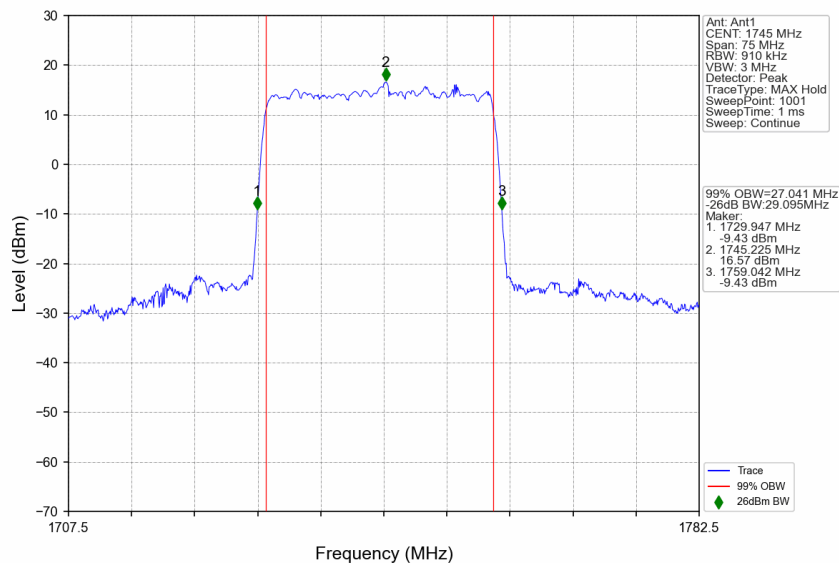
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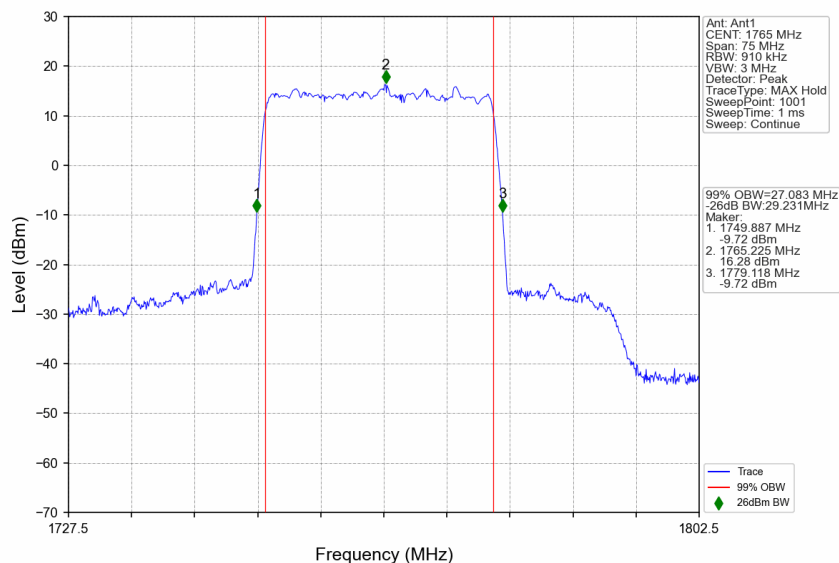
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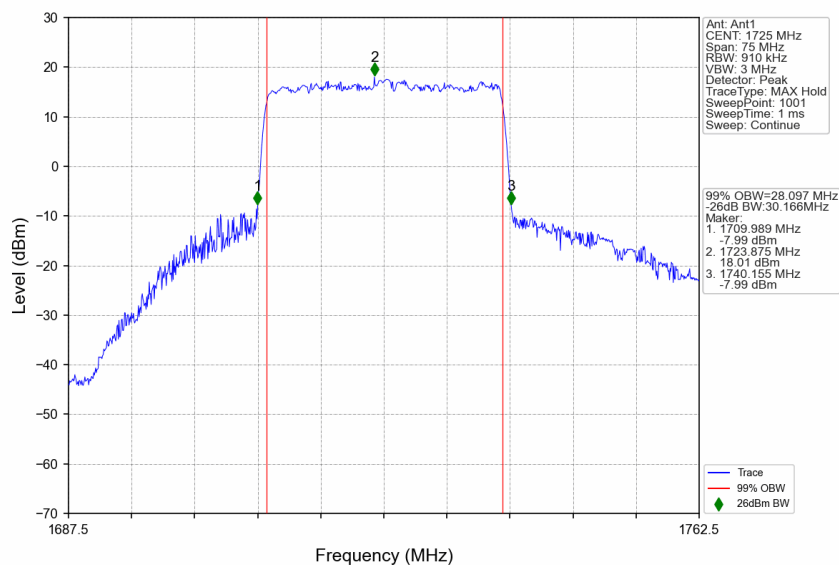
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n66_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM 256 QAM_1765MHz_Outer_Full



n66_30kHz_SISO_NTNV_30MHz_CP-OFDM QPSK_1725MHz_Outer_Full



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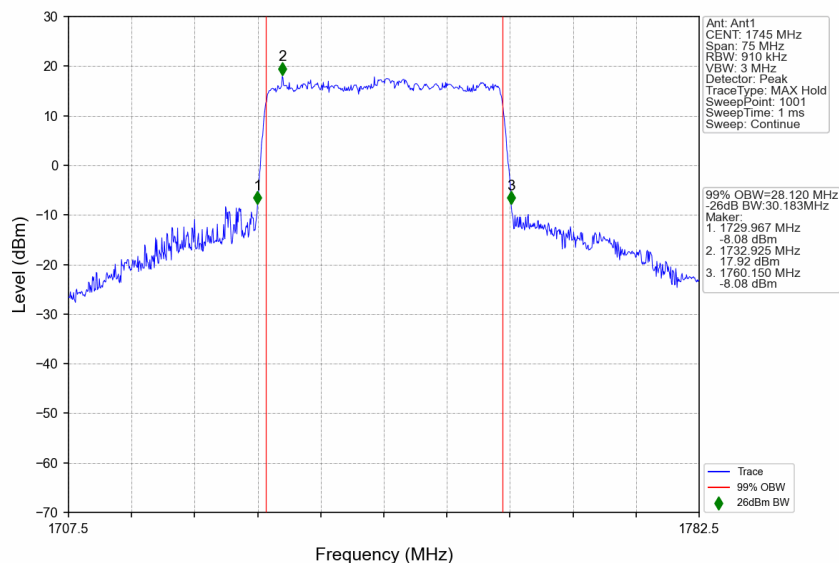
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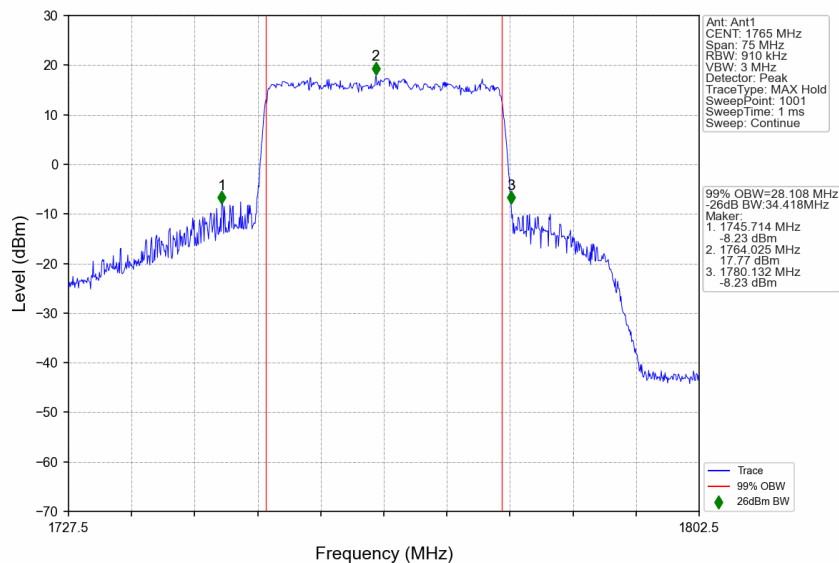
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n66_30kHz_SISO_NTNV_30MHz_CP-OFDM QPSK_1745MHz_Outer_Full



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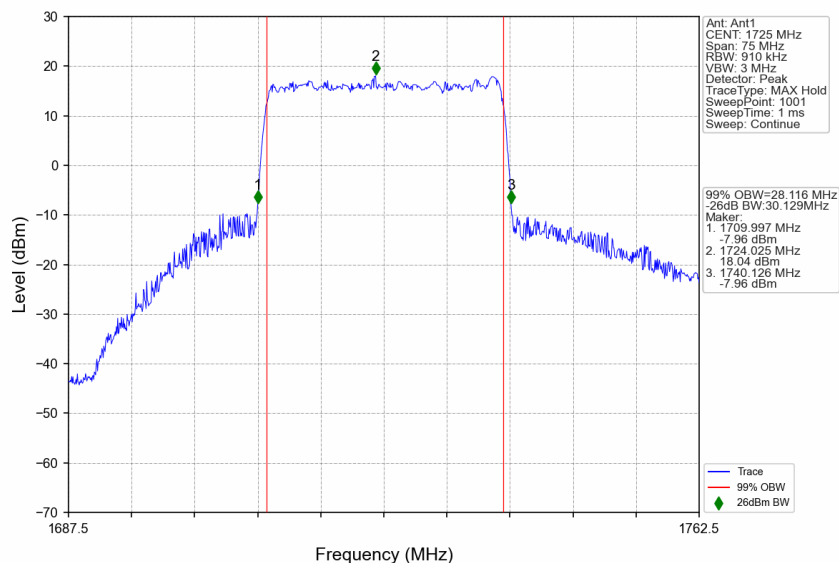
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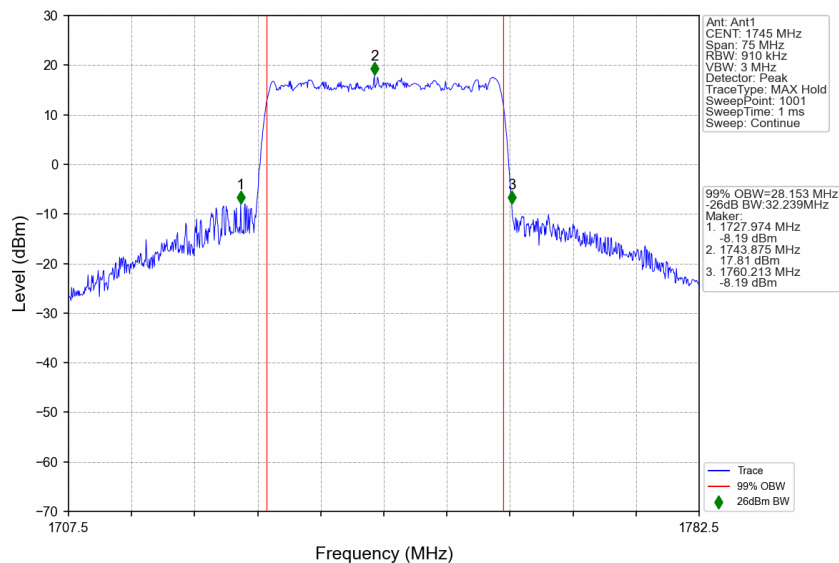
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n66_30kHz_SISO_NTNV_30MHz_CP-OFDM_16_QAM_1725MHz_Outer_Full



n66_30kHz_SISO_NTNV_30MHz_CP-OFDM_16_QAM_1745MHz_Outer_Full



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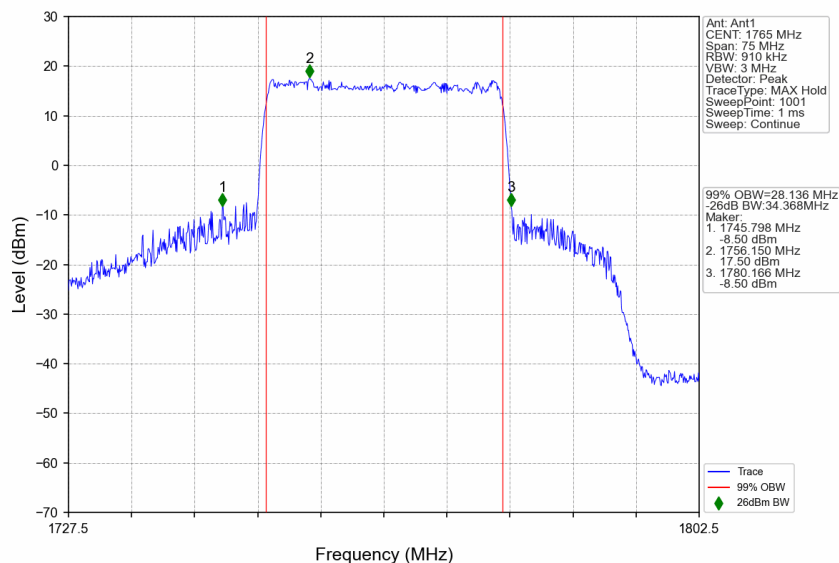
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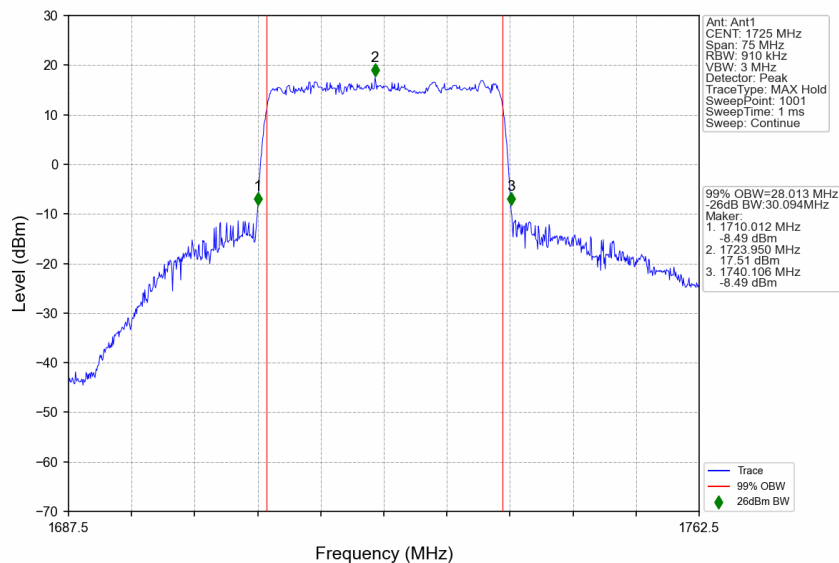
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n66_30kHz_SISO_NTNV_30MHz_CP-OFDM 16 QAM_1765MHz_Outer_Full



n66_30kHz_SISO_NTNV_30MHz_CP-OFDM 64 QAM_1725MHz_Outer_Full



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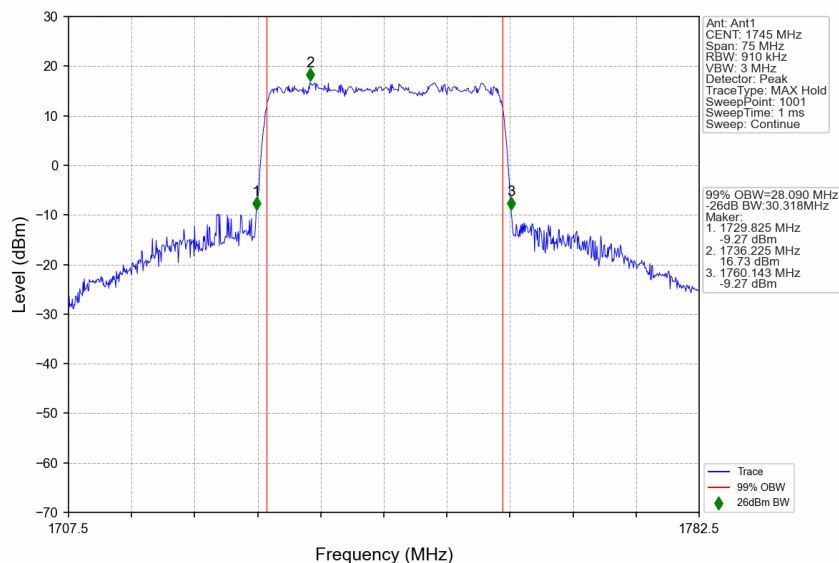
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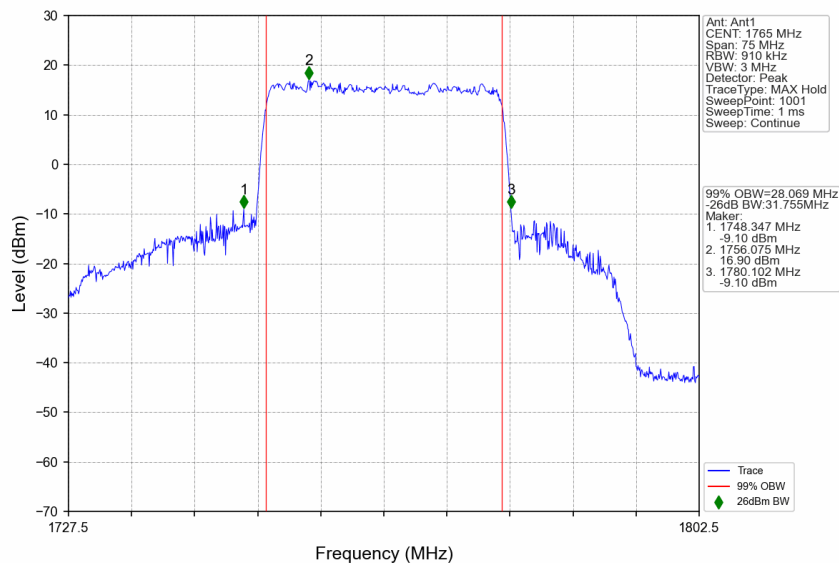
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n66_30kHz_SISO_NTNV_30MHz_CP-OFDM_64_QAM_1745MHz_Outer_Full



n66_30kHz_SISO_NTNV_30MHz_CP-OFDM_64_QAM_1765MHz_Outer_Full



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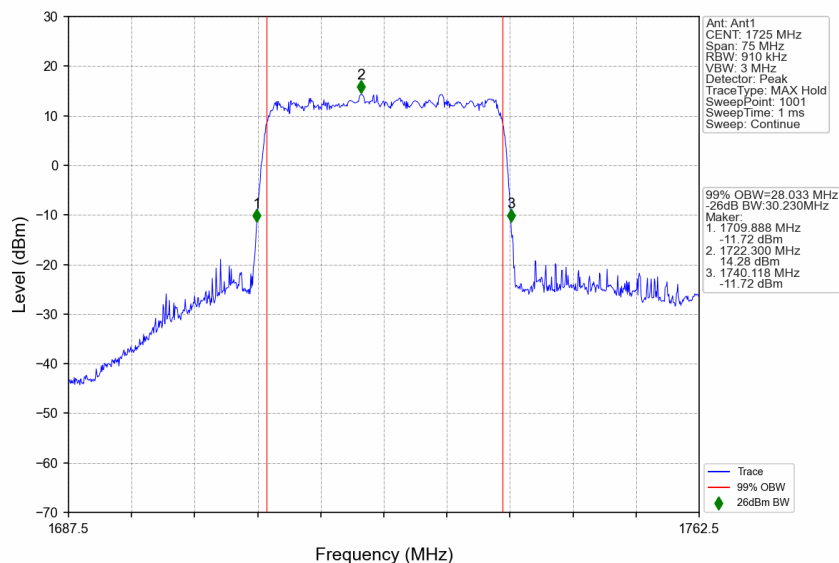
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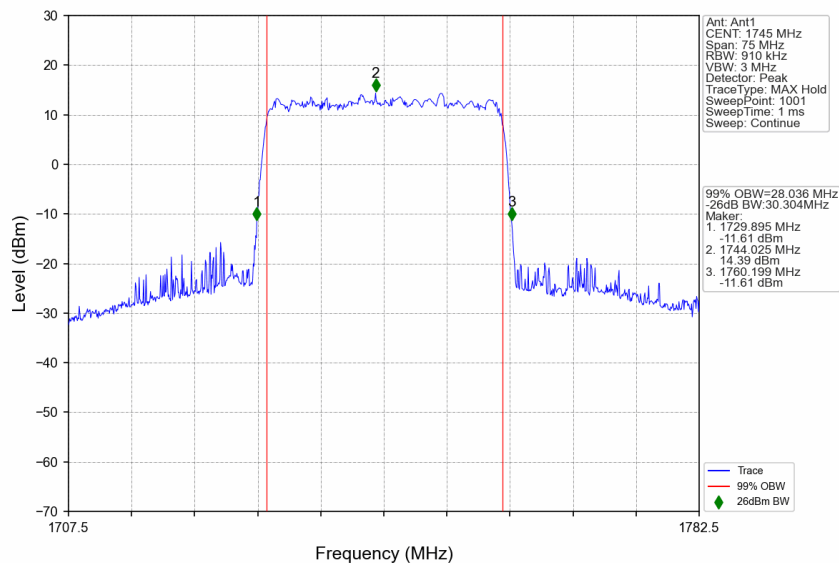
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n66_30kHz_SISO_NTNV_30MHz_CP-OFDM 256 QAM_1725MHz_Outer_Full



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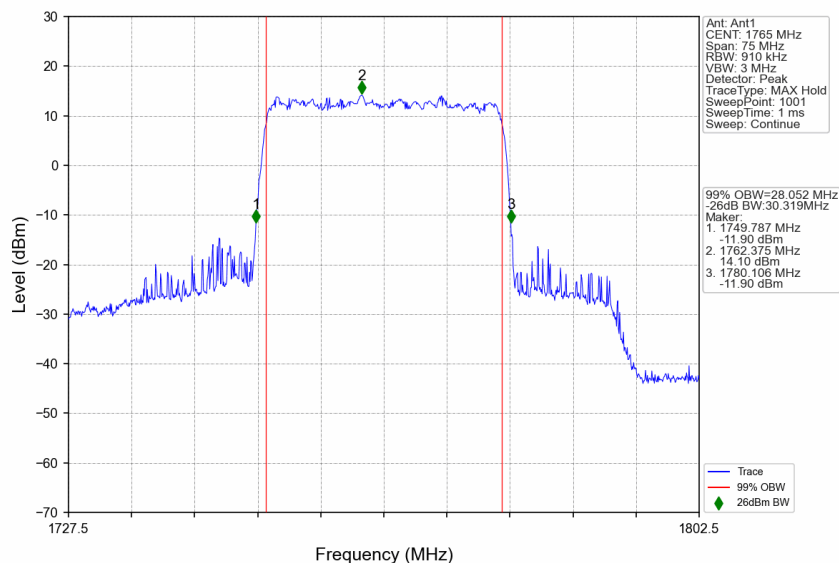
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4.14 30k_SISO_35MHz_NTNV

4.14.1 Test Result

5G NR n66 SCS=30kHz SISO 35MHz NTV						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	1727.5	Outer Full	32.56	34.90	/	Pass
	1745	Outer Full	32.53	34.91	/	Pass
	1762.5	Outer Full	32.55	34.90	/	Pass
DFT-s-OFDM QPSK	1727.5	Outer Full	32.53	34.96	/	Pass
	1745	Outer Full	32.52	34.97	/	Pass
	1762.5	Outer Full	32.53	34.92	/	Pass
DFT-s-OFDM 16 QAM	1727.5	Outer Full	32.42	34.93	/	Pass
	1745	Outer Full	32.43	34.90	/	Pass
	1762.5	Outer Full	32.43	34.83	/	Pass
DFT-s-OFDM 64 QAM	1727.5	Outer Full	32.55	34.86	/	Pass
	1745	Outer Full	32.52	34.90	/	Pass
	1762.5	Outer Full	32.55	34.88	/	Pass
DFT-s-OFDM 256 QAM	1727.5	Outer Full	32.39	34.82	/	Pass
	1745	Outer Full	32.40	34.82	/	Pass
	1762.5	Outer Full	32.41	34.84	/	Pass
CP-OFDM QPSK	1727.5	Outer Full	33.26	35.63	/	Pass
	1745	Outer Full	33.26	35.66	/	Pass
	1762.5	Outer Full	33.21	39.08	/	Pass
CP-OFDM 16 QAM	1727.5	Outer Full	33.21	35.83	/	Pass
	1745	Outer Full	33.21	35.69	/	Pass
	1762.5	Outer Full	33.24	37.68	/	Pass
CP-OFDM 64 QAM	1727.5	Outer Full	33.23	35.69	/	Pass
	1745	Outer Full	33.20	35.71	/	Pass
	1762.5	Outer Full	33.25	35.64	/	Pass
CP-OFDM 256 QAM	1727.5	Outer Full	33.17	35.59	/	Pass
	1745	Outer Full	33.17	35.94	/	Pass
	1762.5	Outer Full	33.14	35.61	/	Pass



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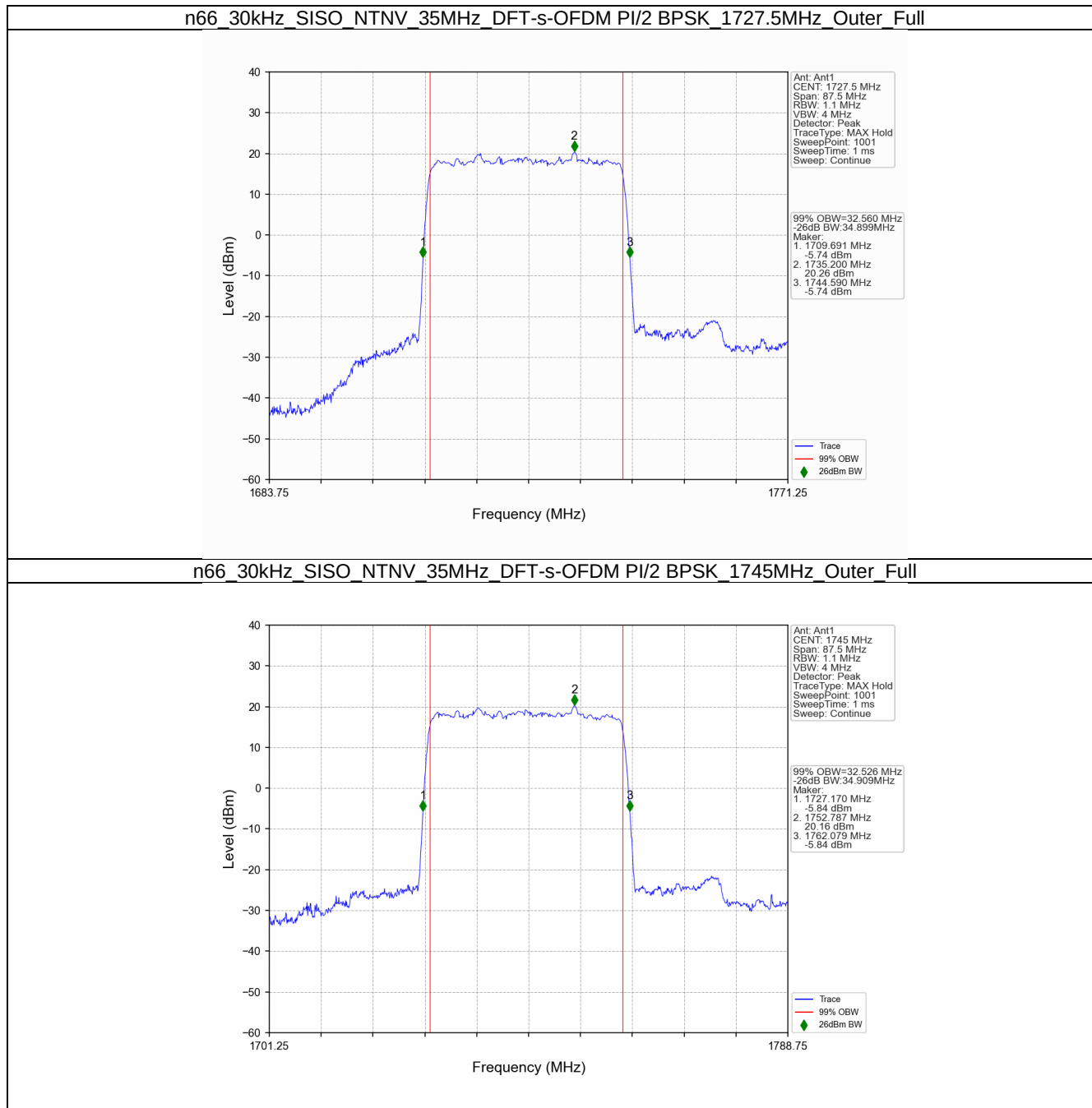
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4.14.2 Test Graph



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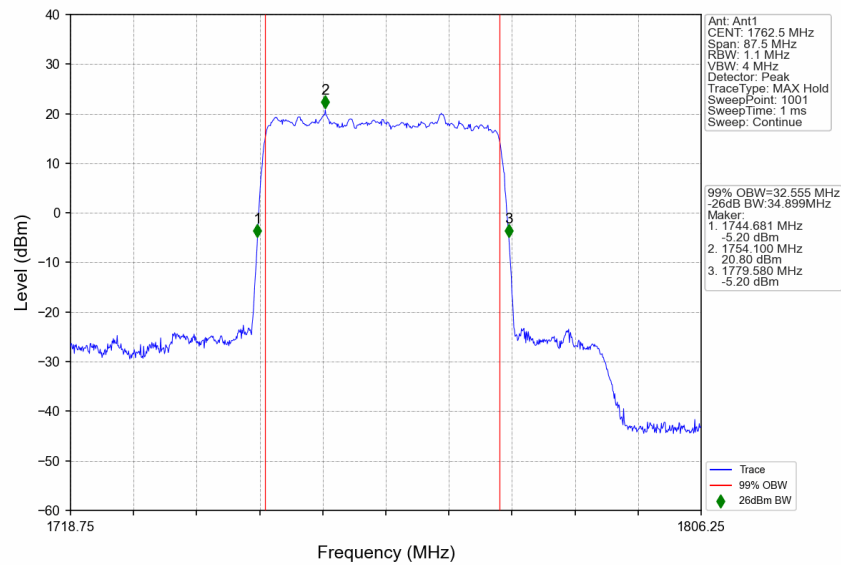
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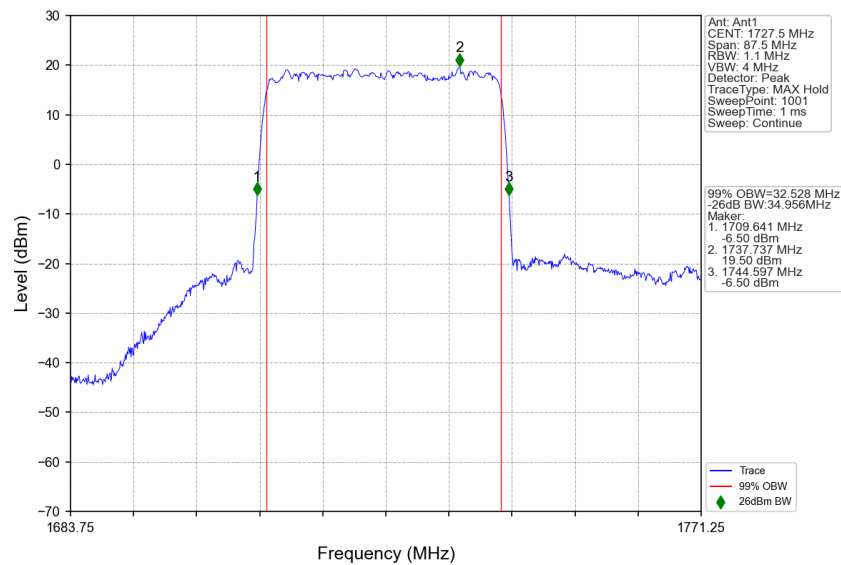
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n66_30kHz_SISO_NTNV_35MHz_DFT-s-OFDM QPSK_1727.5MHz_Outer_Full



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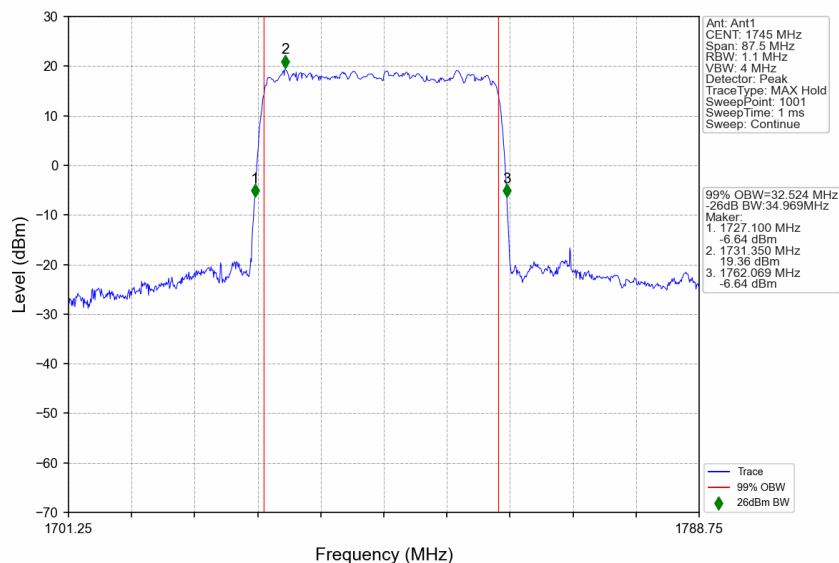
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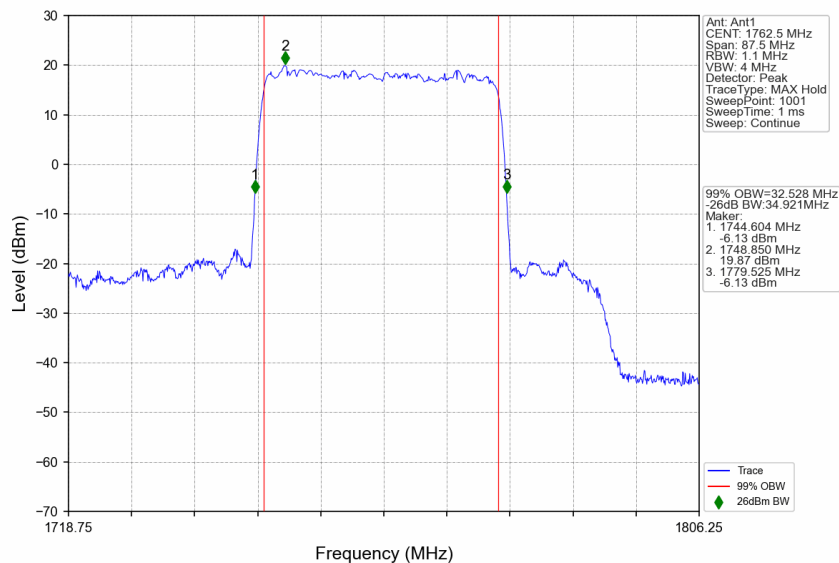
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n66_30kHz_SISO_NTNV_35MHz_DFT-s-OFDM QPSK_1745MHz_Outer_Full



n66_30kHz_SISO_NTNV_35MHz_DFT-s-OFDM QPSK_1762.5MHz_Outer_Full



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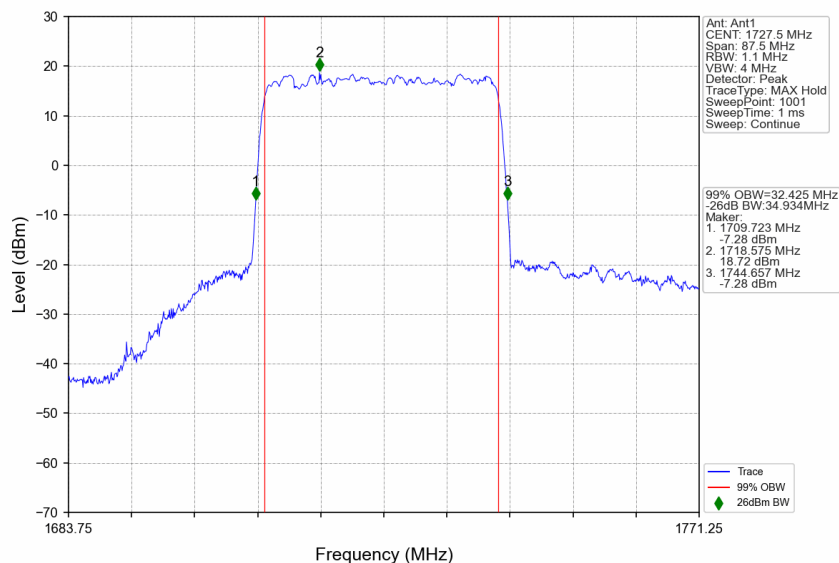
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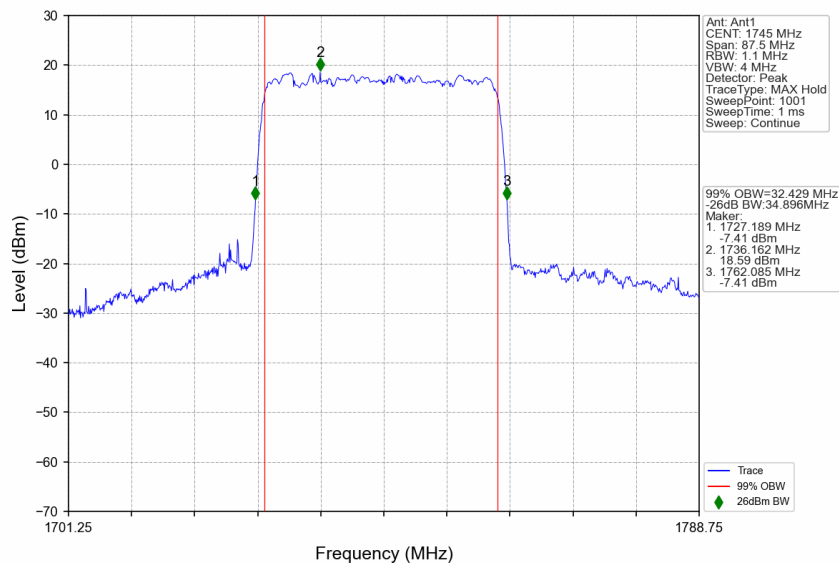
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n66_30kHz_SISO_NTNV_35MHz_DFT-s-OFDM_16_QAM_1727.5MHz_Outer_Full



n66_30kHz_SISO_NTNV_35MHz_DFT-s-OFDM_16_QAM_1745MHz_Outer_Full



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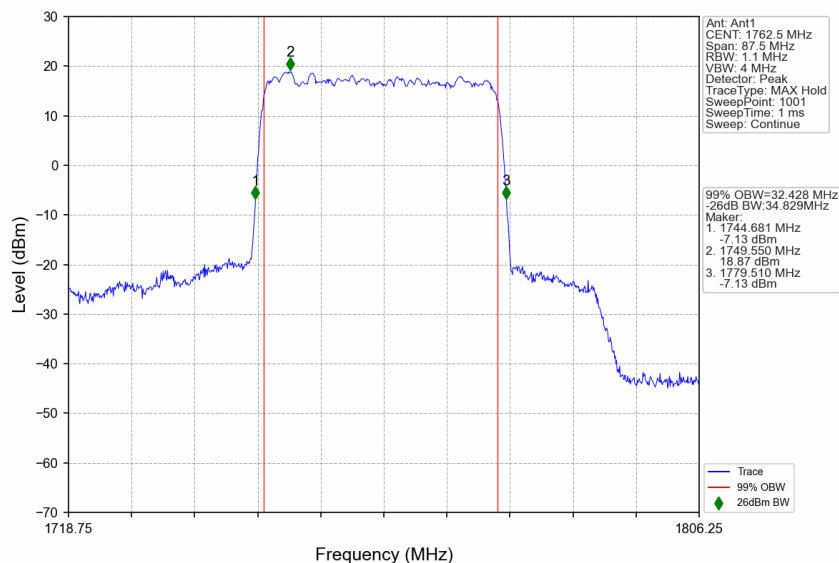
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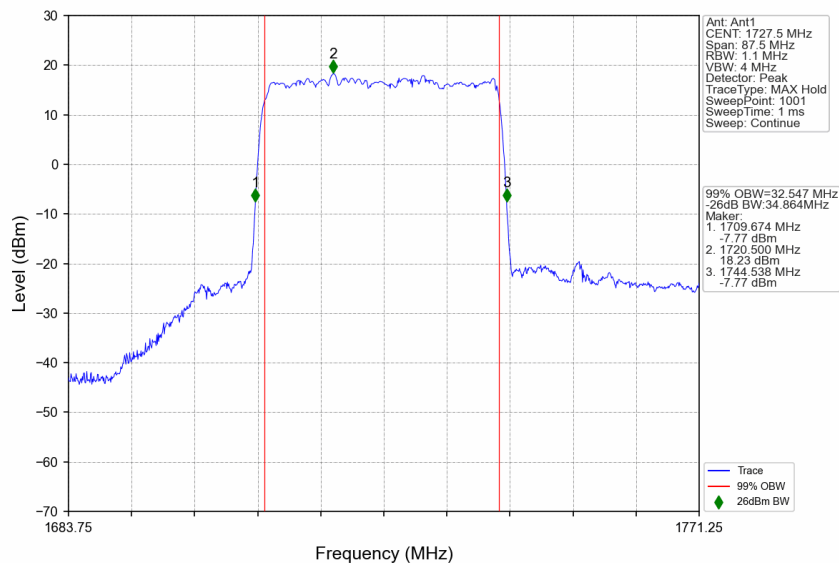
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n66_30kHz_SISO_NTNV_35MHz_DFT-s-OFDM_16 QAM_1762.5MHz_Outer_Full



n66_30kHz_SISO_NTNV_35MHz_DFT-s-OFDM_64 QAM_1727.5MHz_Outer_Full



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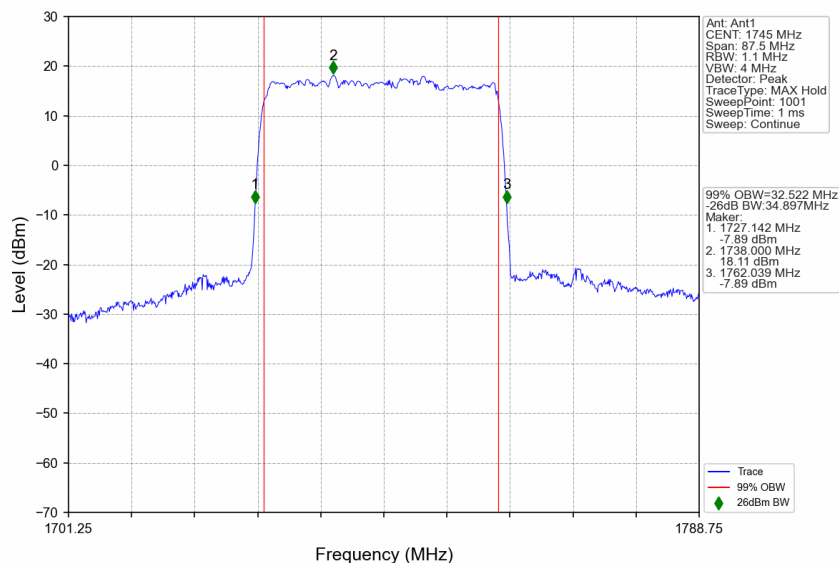
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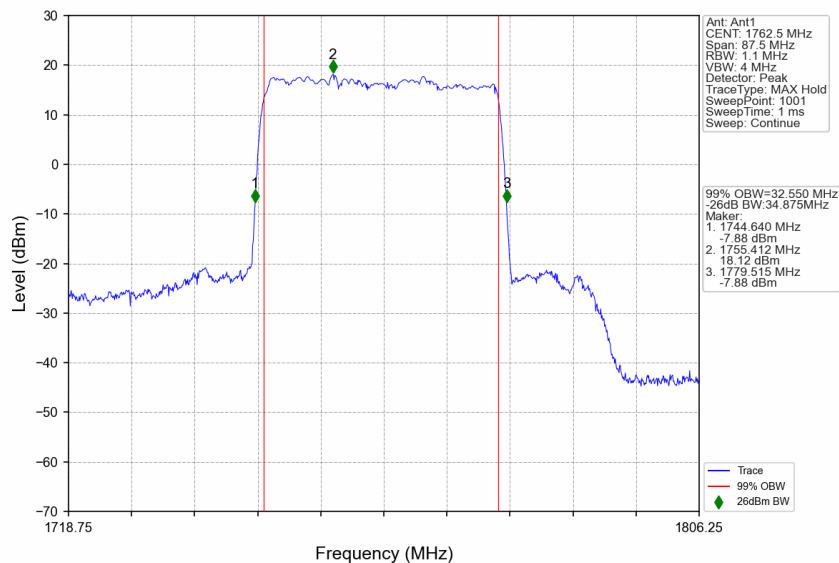
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n66_30kHz_SISO_NTNV_35MHz_DFT-s-OFDM_64_QAM_1745MHz_Outer_Full



n66_30kHz_SISO_NTNV_35MHz_DFT-s-OFDM_64_QAM_1762.5MHz_Outer_Full



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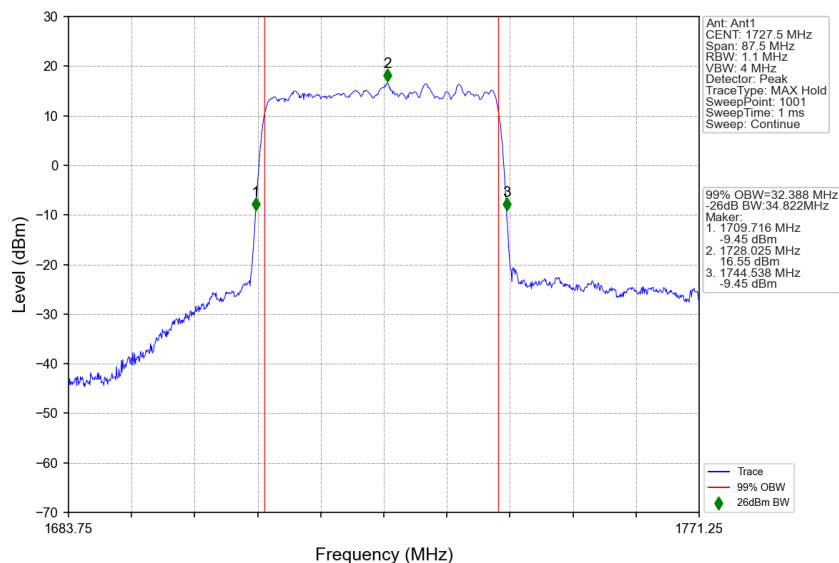
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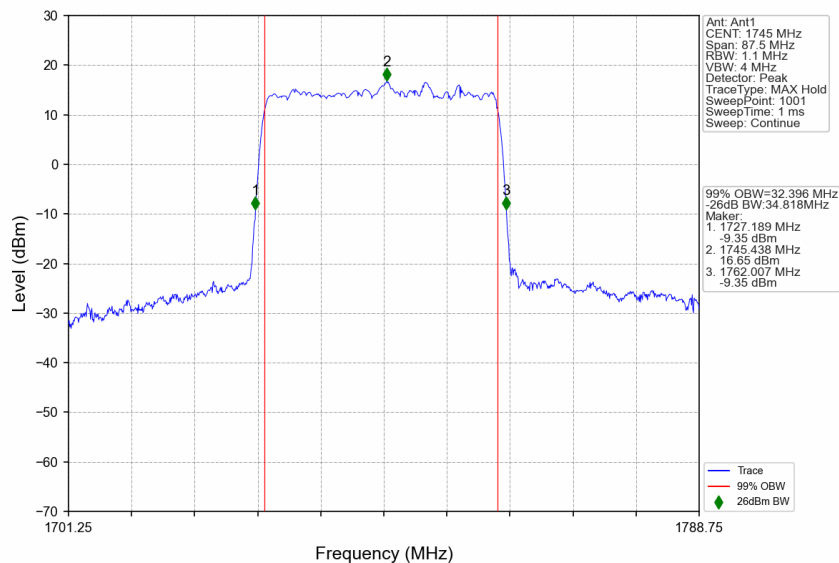
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n66_30kHz_SISO_NTNV_35MHz_DFT-s-OFDM_256_QAM_1727.5MHz_Outer_Full



n66_30kHz_SISO_NTNV_35MHz_DFT-s-OFDM_256_QAM_1745MHz_Outer_Full



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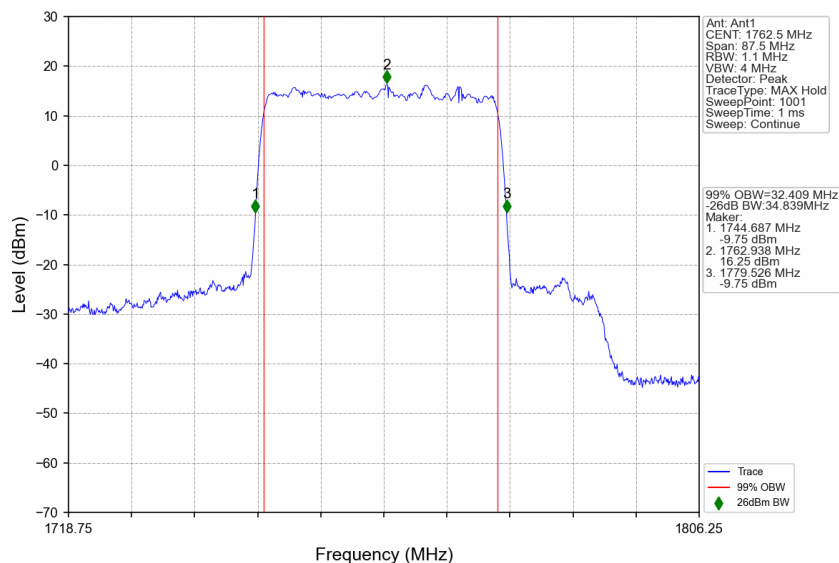
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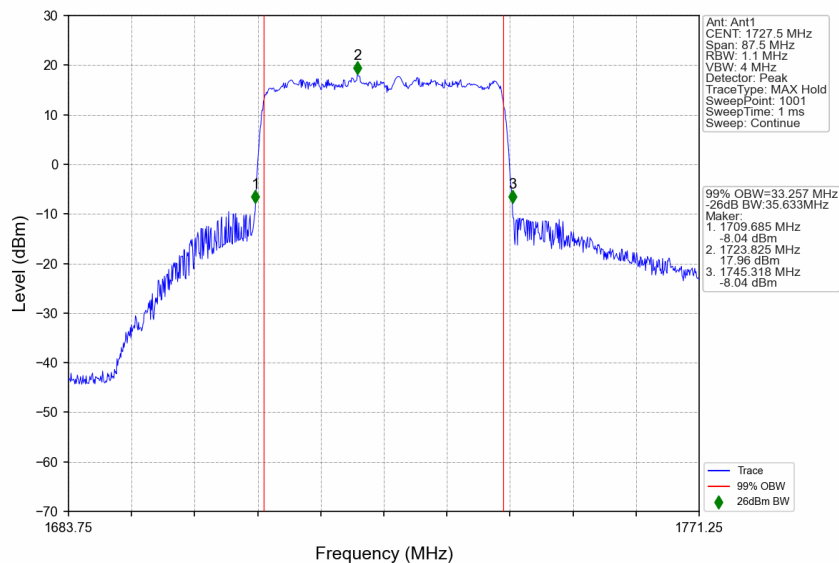
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n66_30kHz_SISO_NTNV_35MHz_DFT-s-OFDM_256_QAM_1762.5MHz_Outer_Full



n66_30kHz_SISO_NTNV_35MHz_CP-OFDM_QPSK_1727.5MHz_Outer_Full



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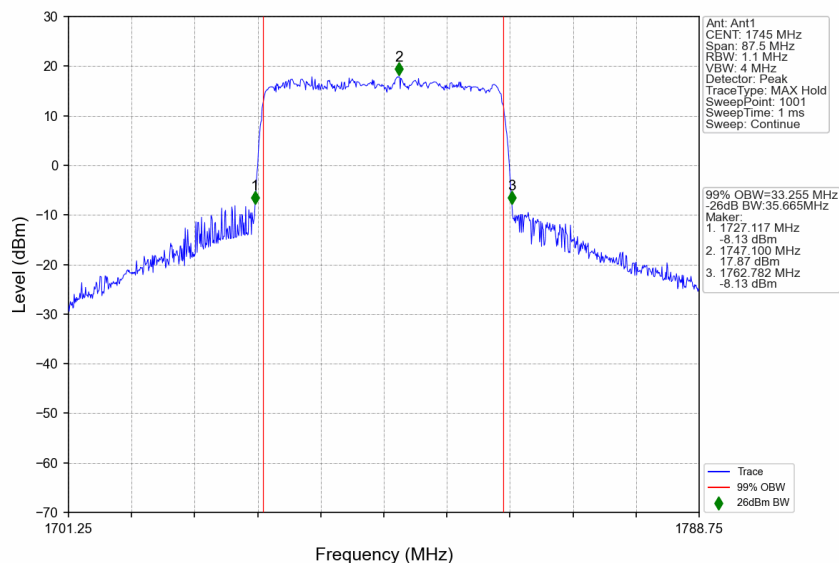
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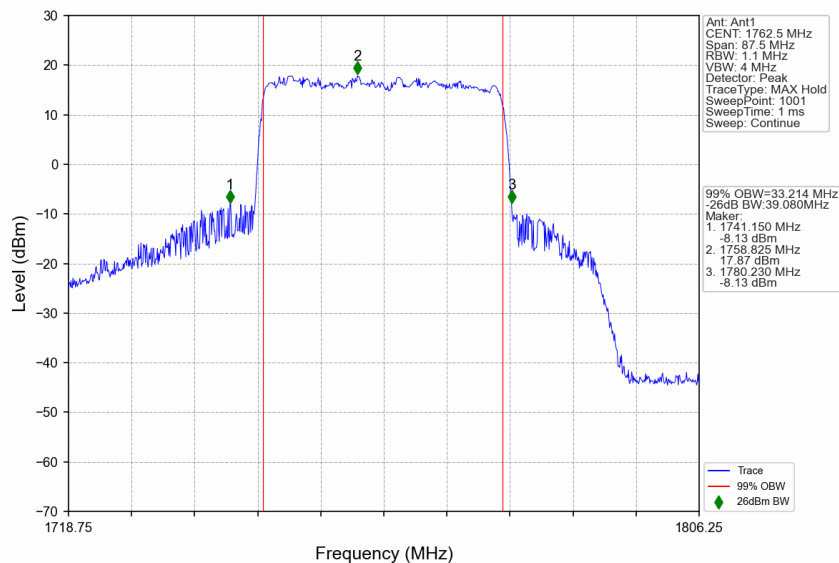
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n66_30kHz_SISO_NTNV_35MHz_CP-OFDM QPSK_1745MHz_Outer_Full



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