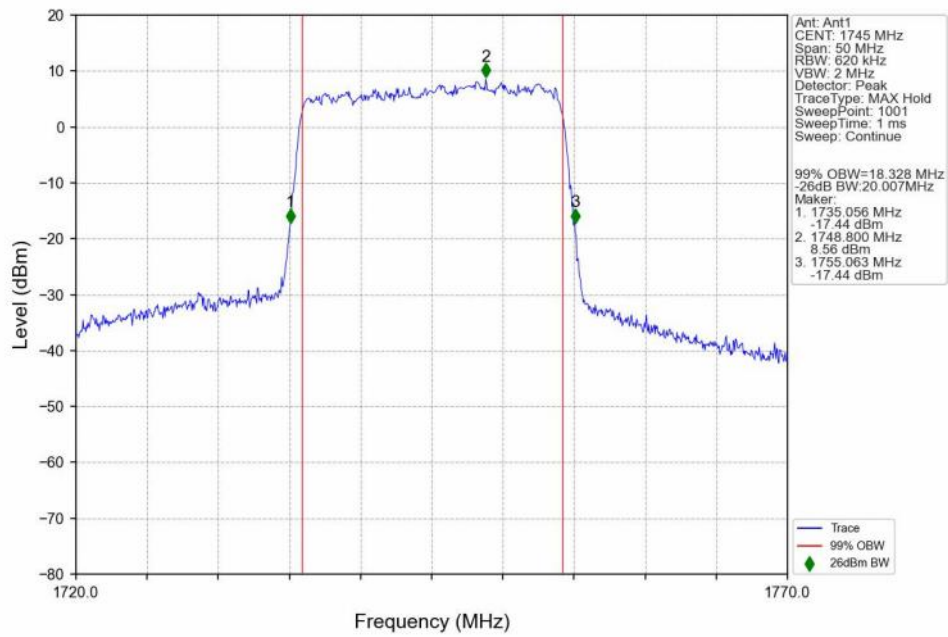
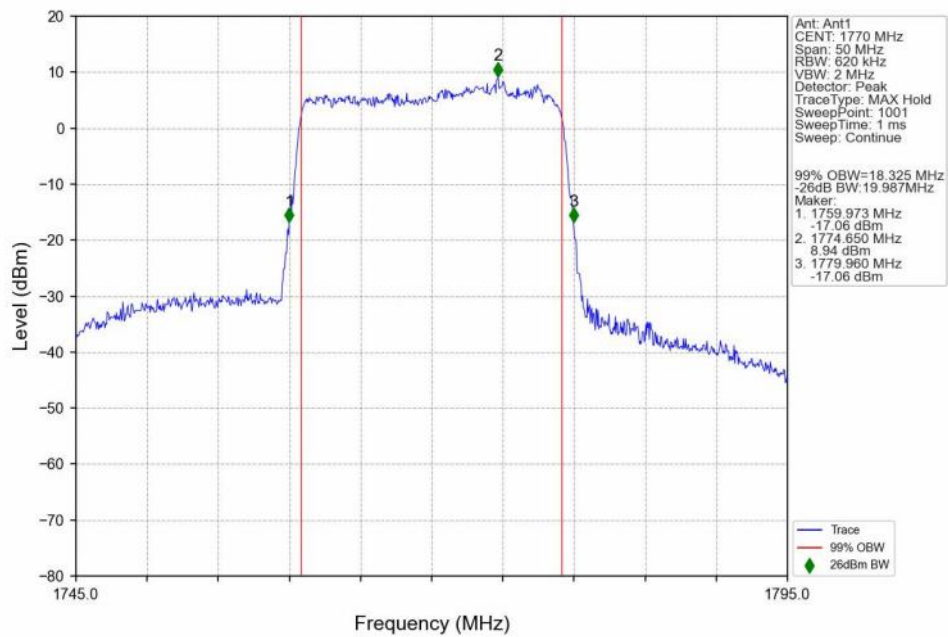


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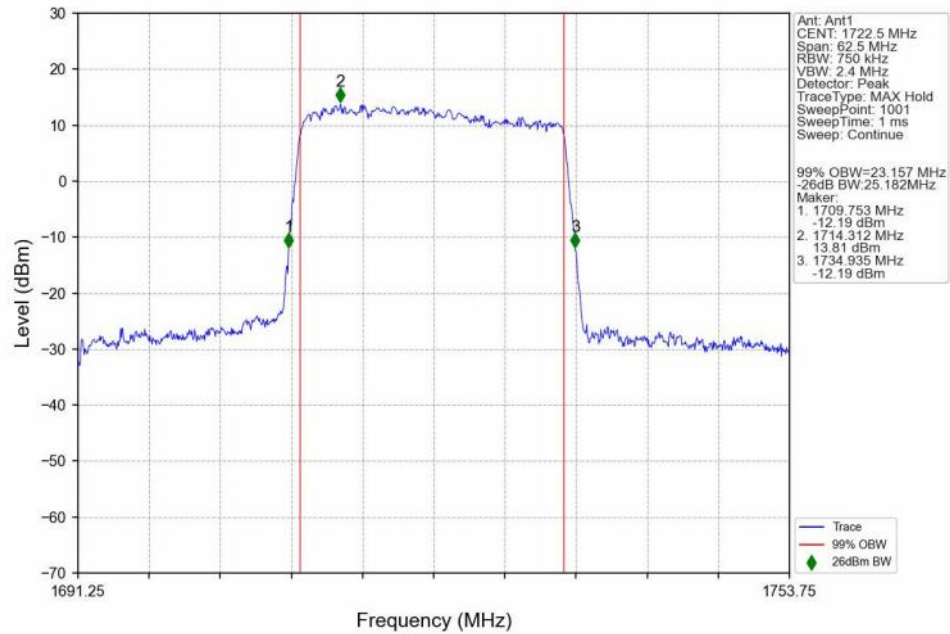


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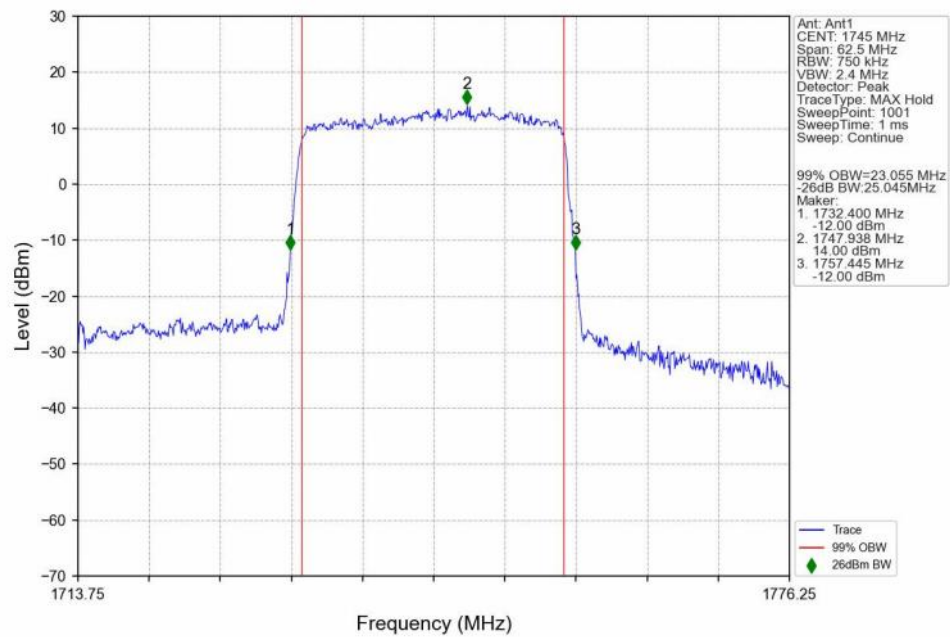


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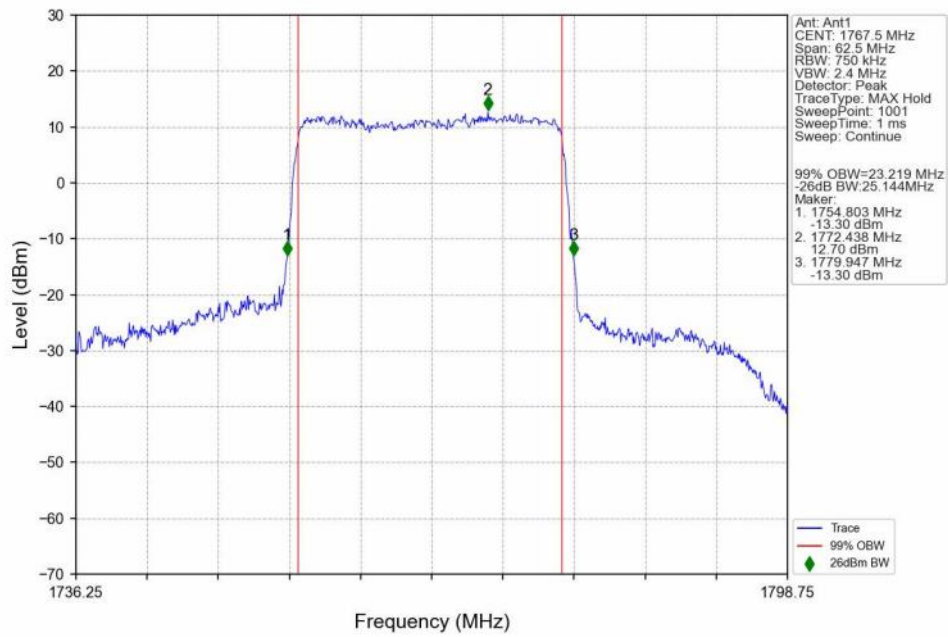
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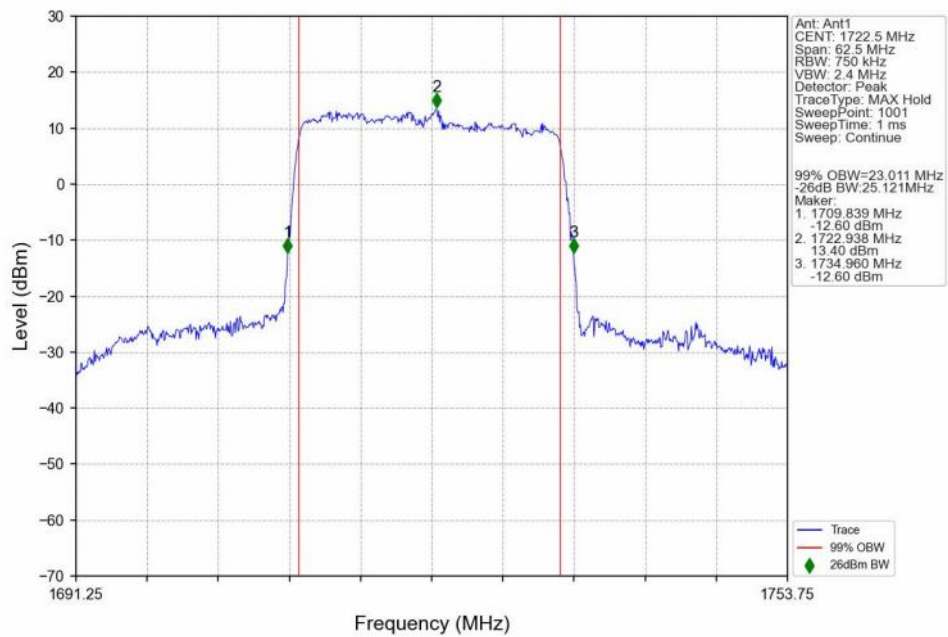
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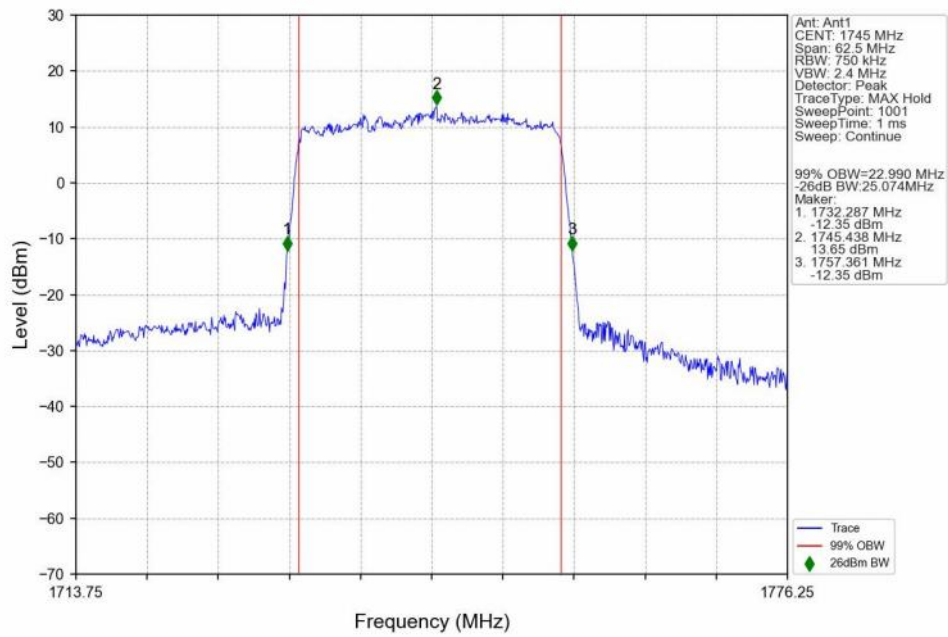
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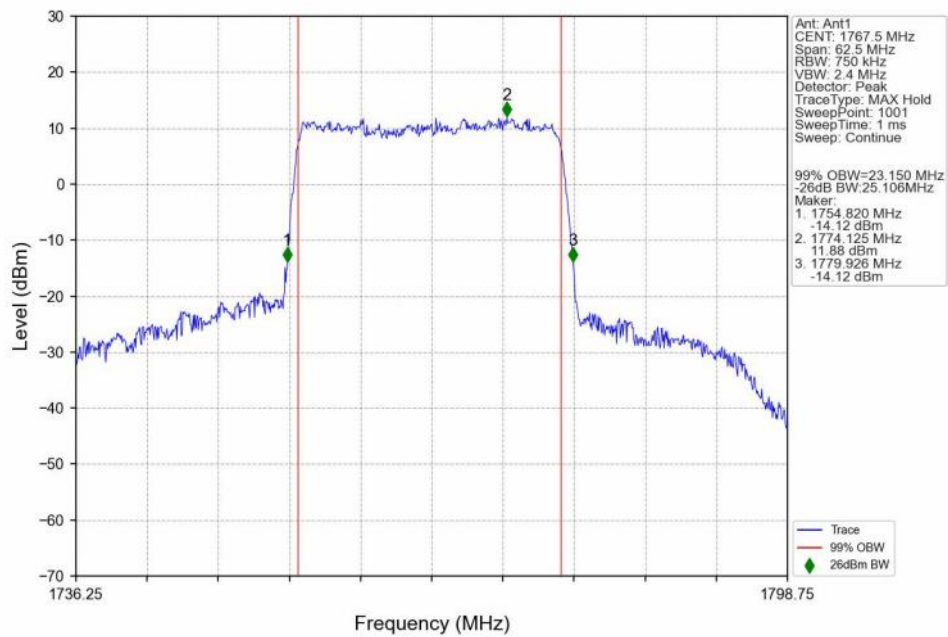
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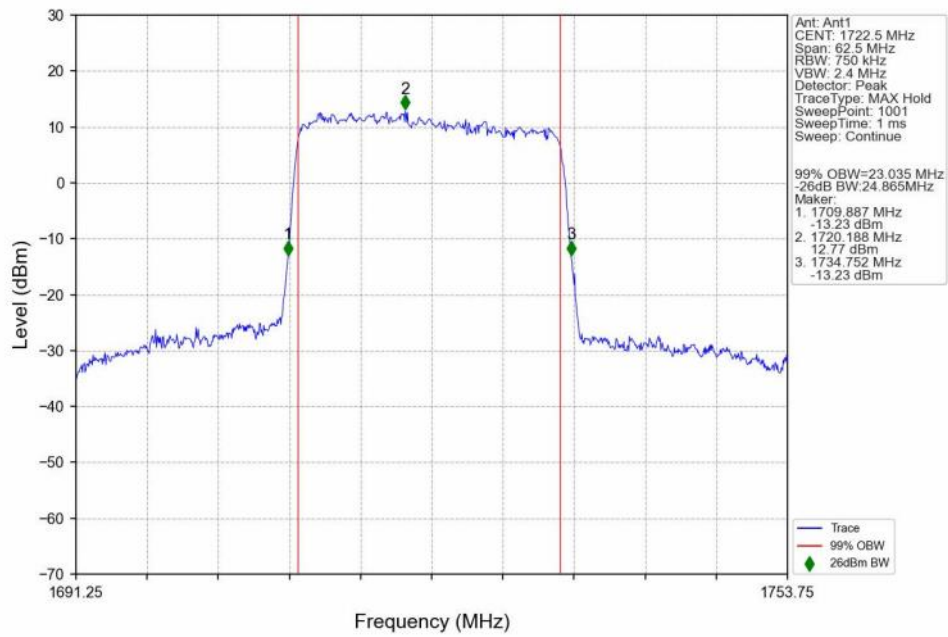
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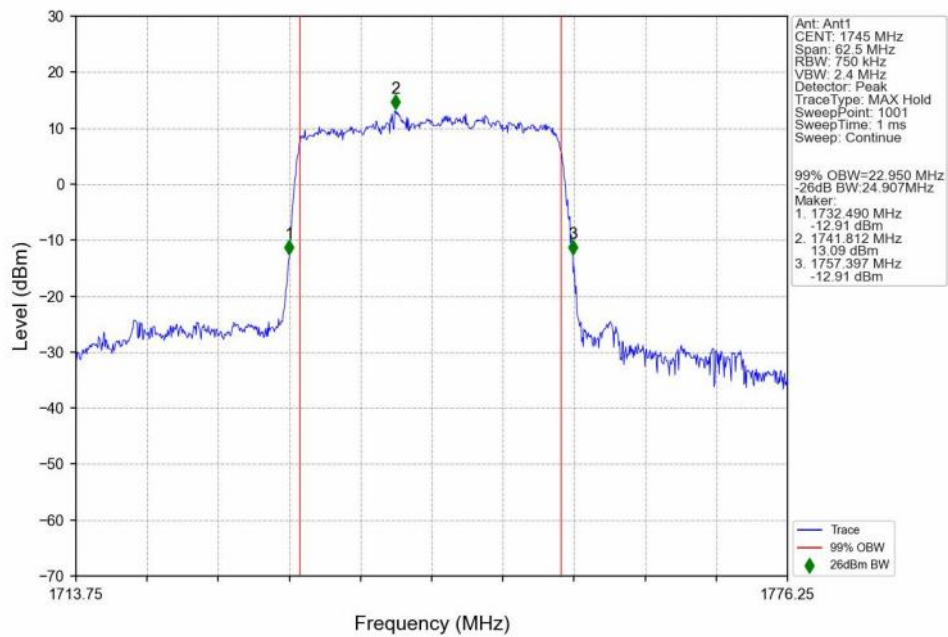
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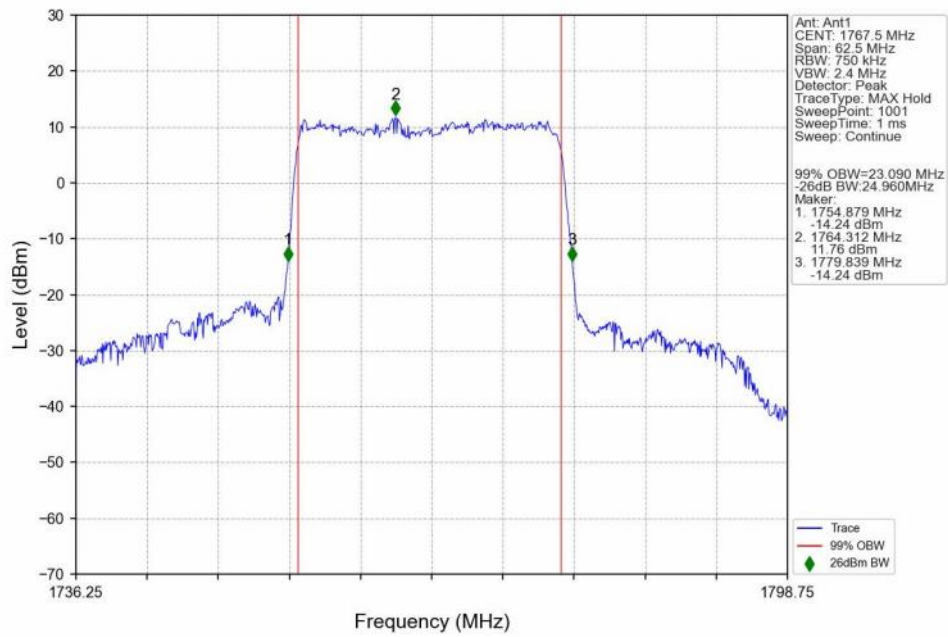
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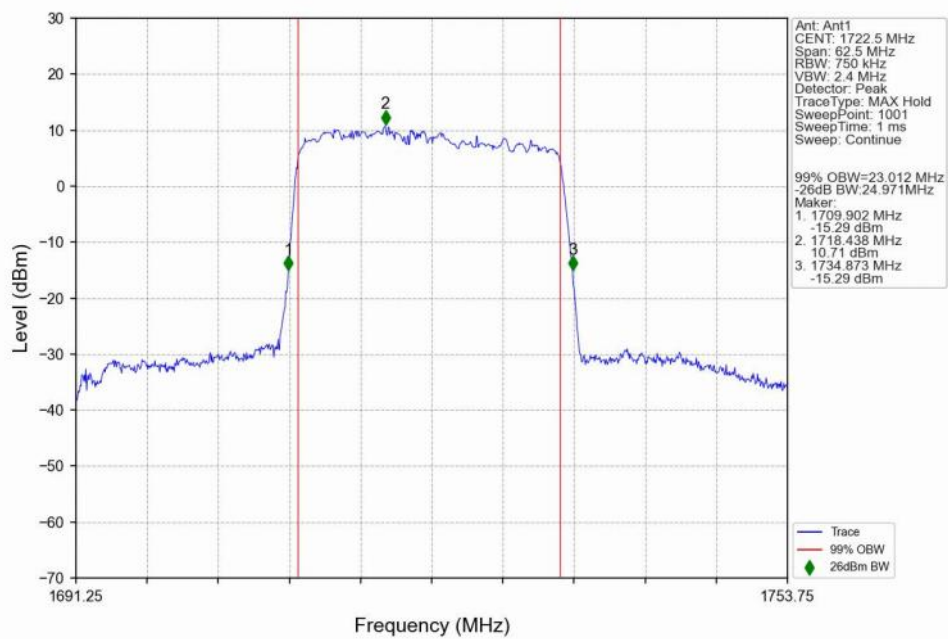
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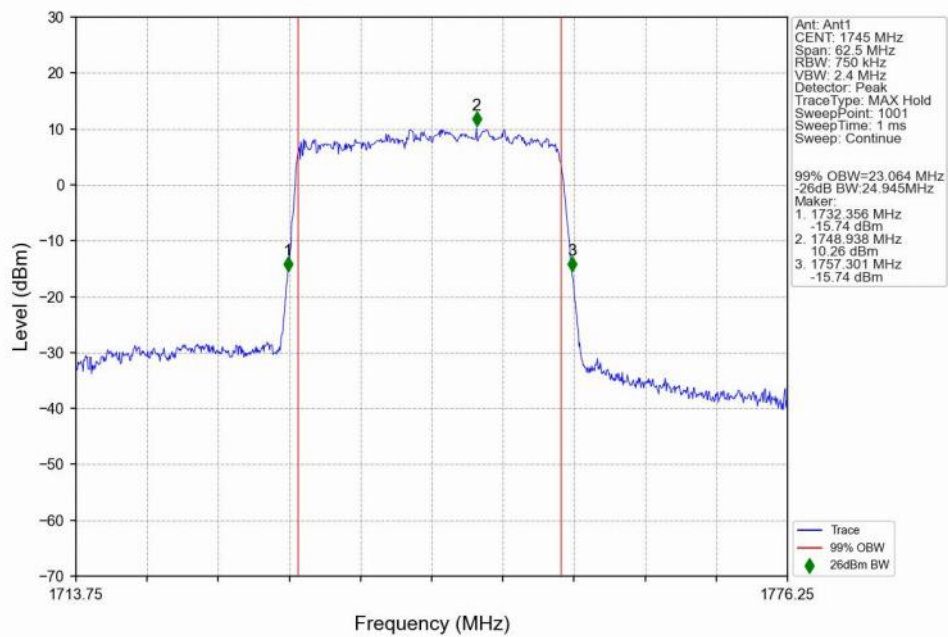
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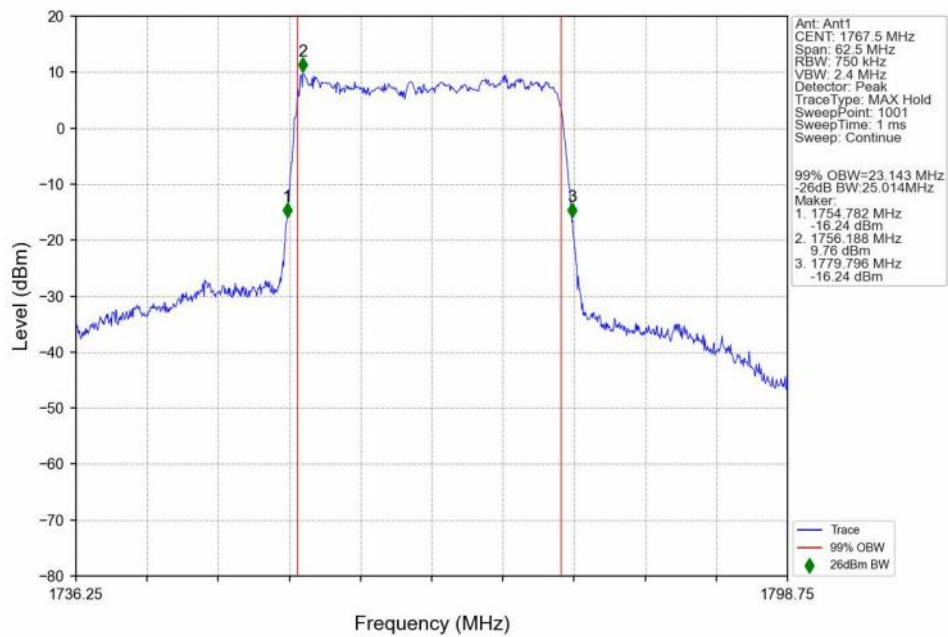
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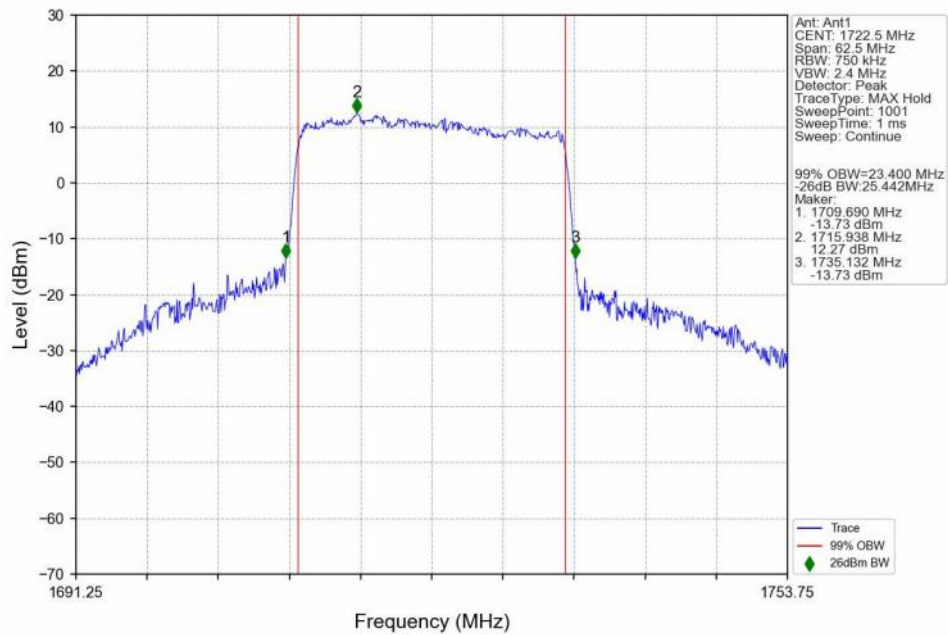
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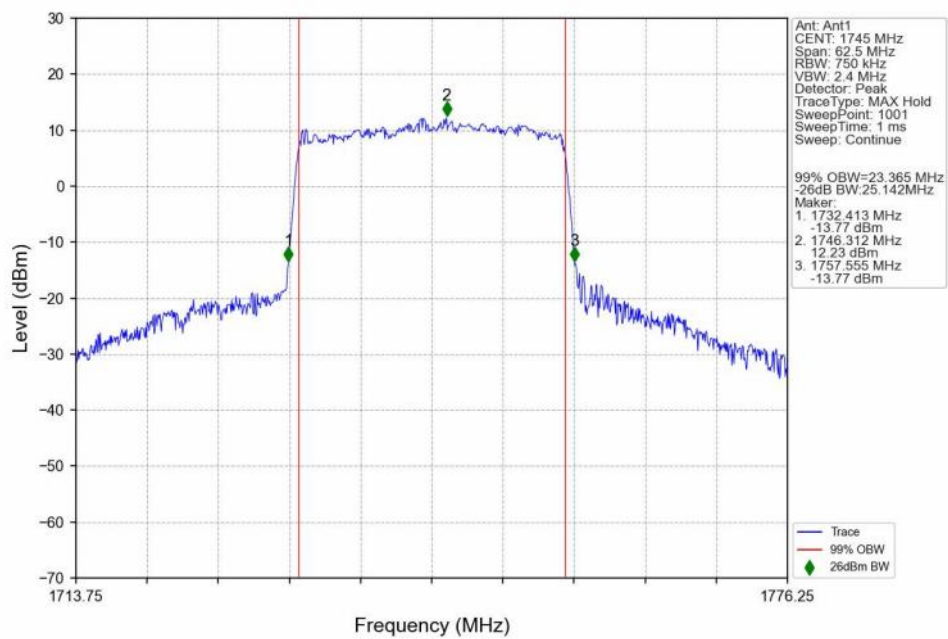
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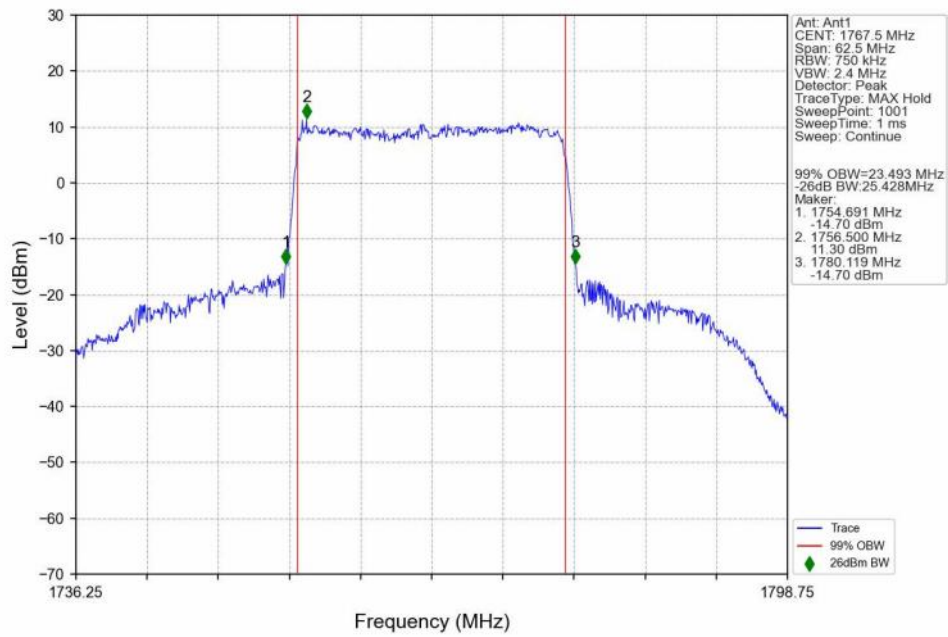
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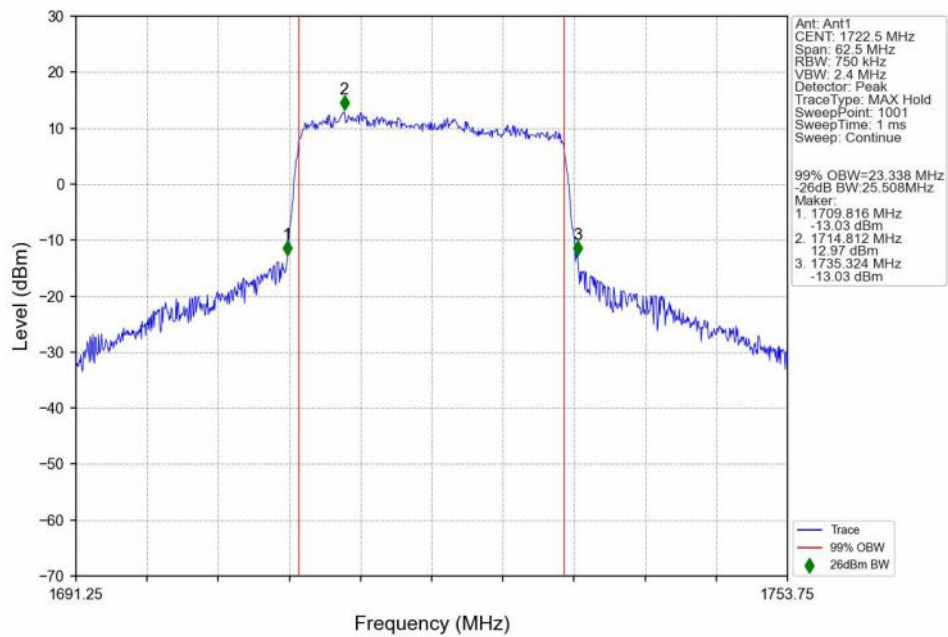
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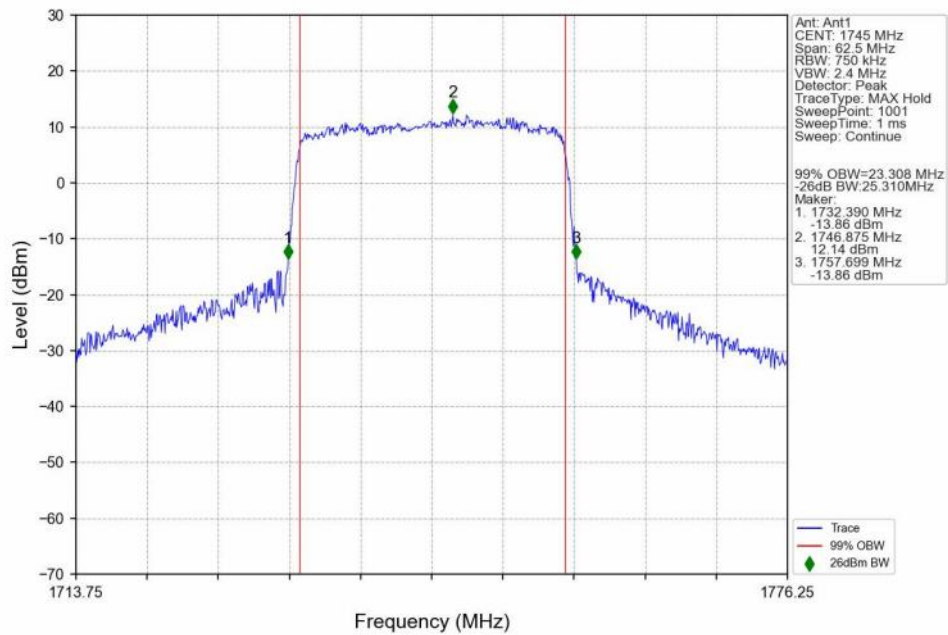
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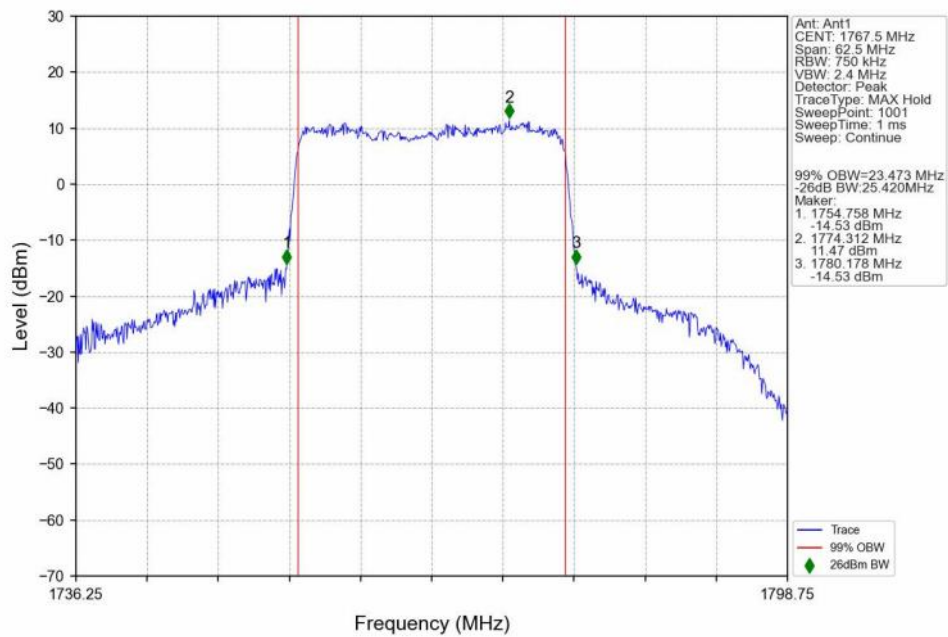
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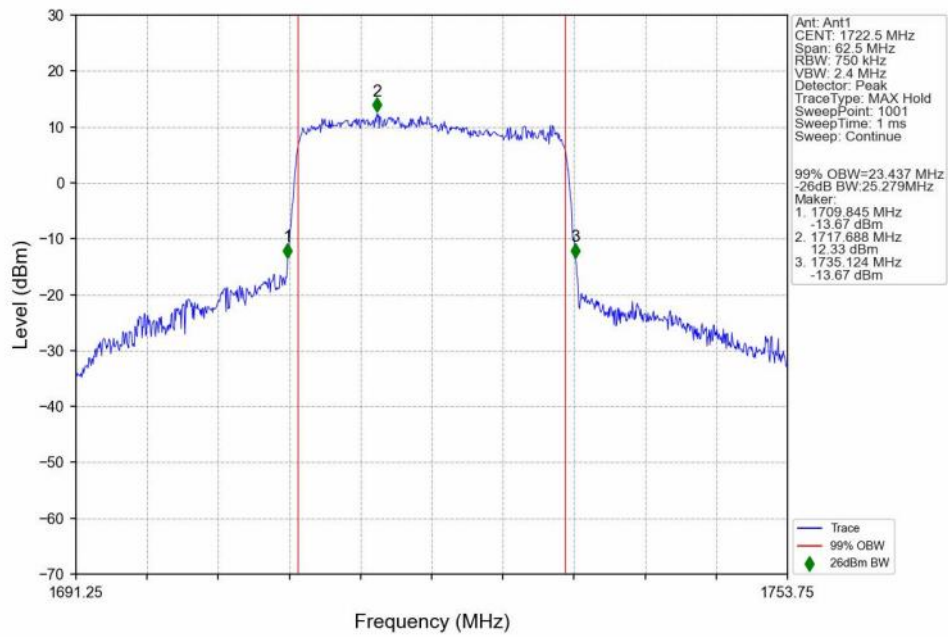
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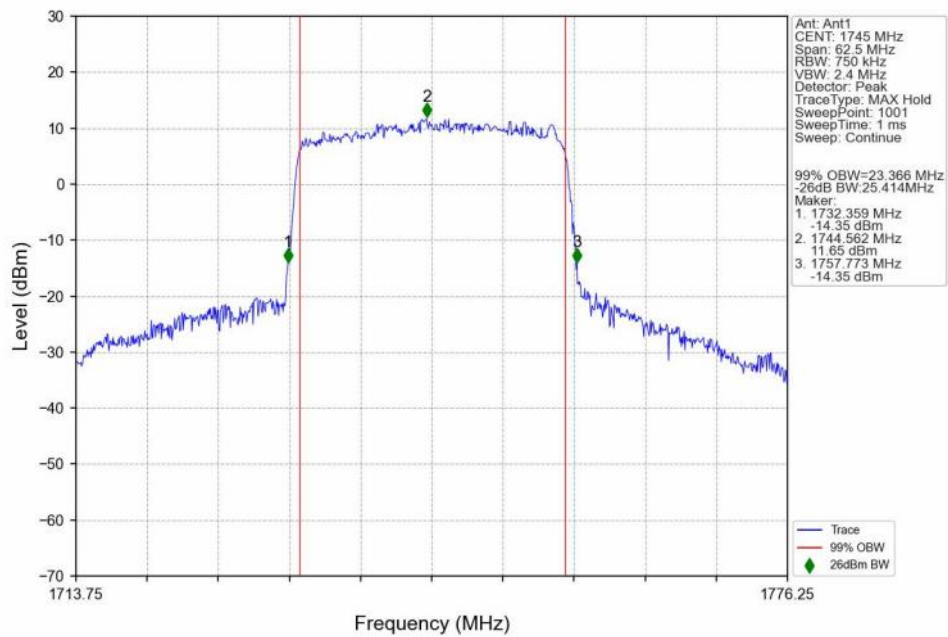
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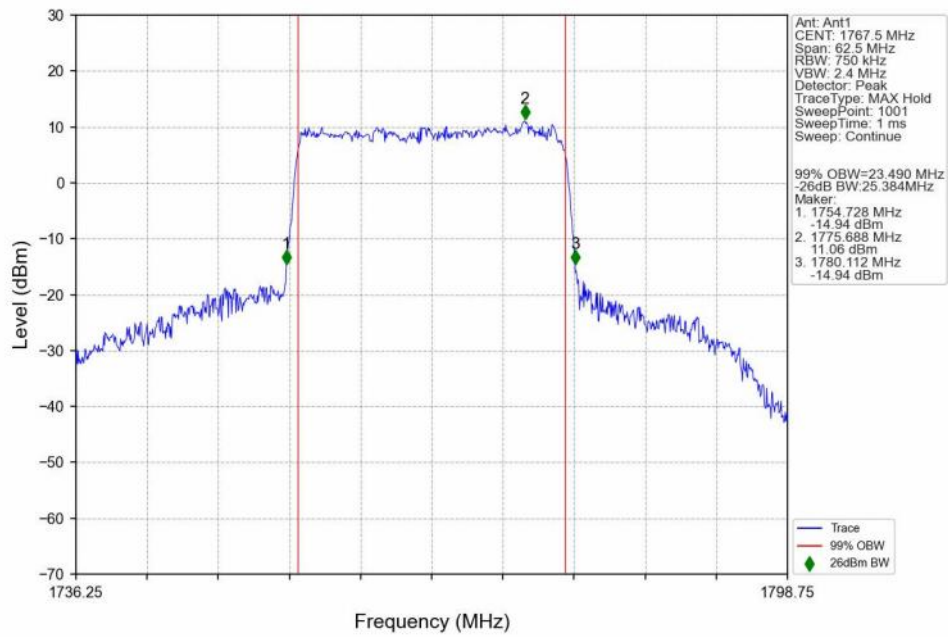
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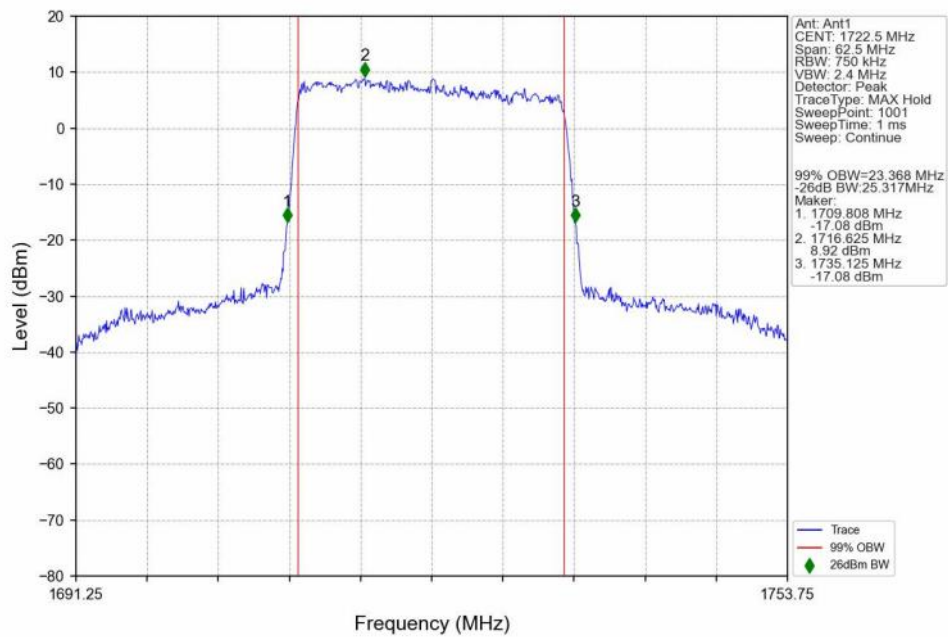
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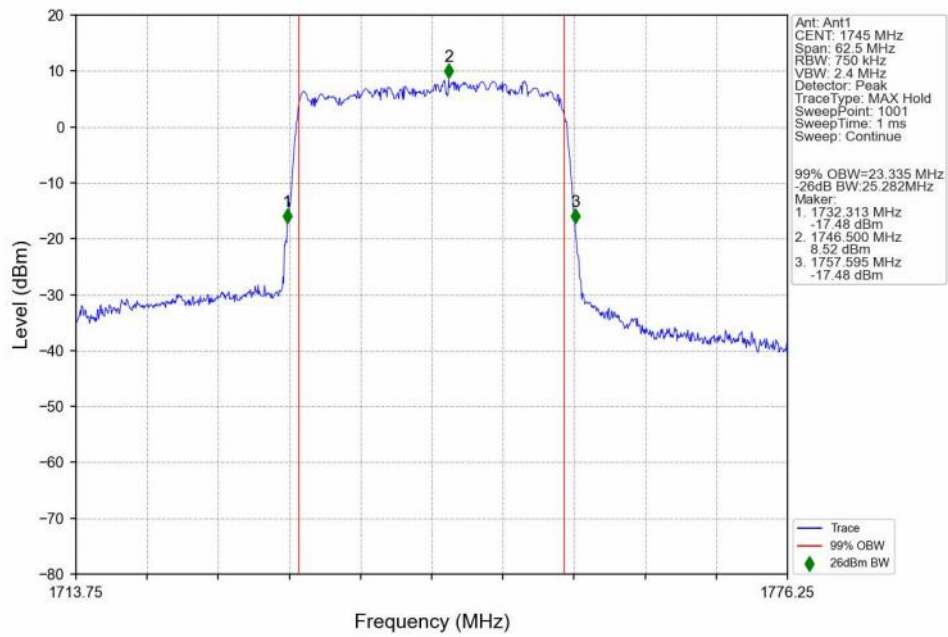
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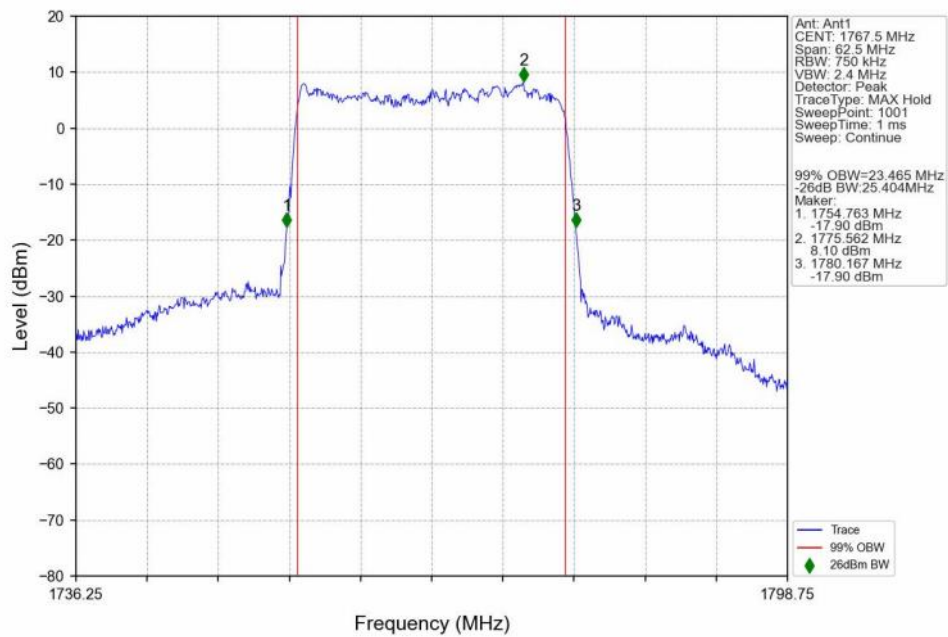
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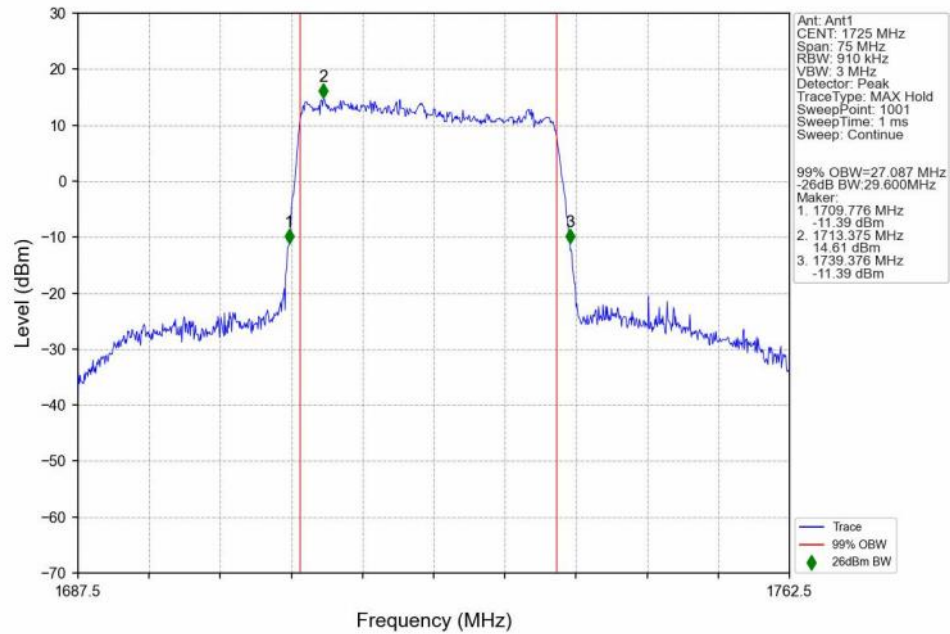


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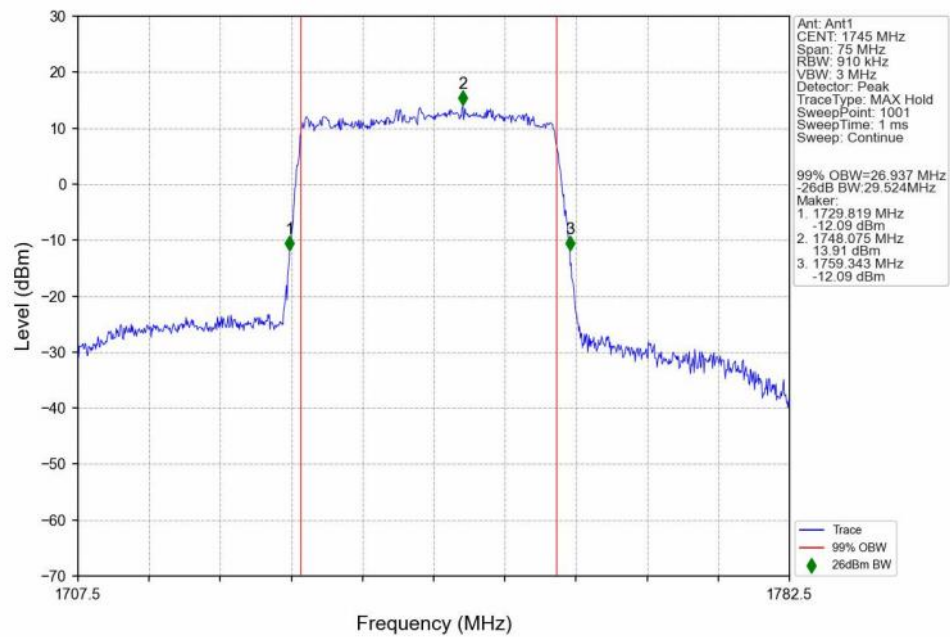


4.2.14 30k_SISO_30MHz_NTNV

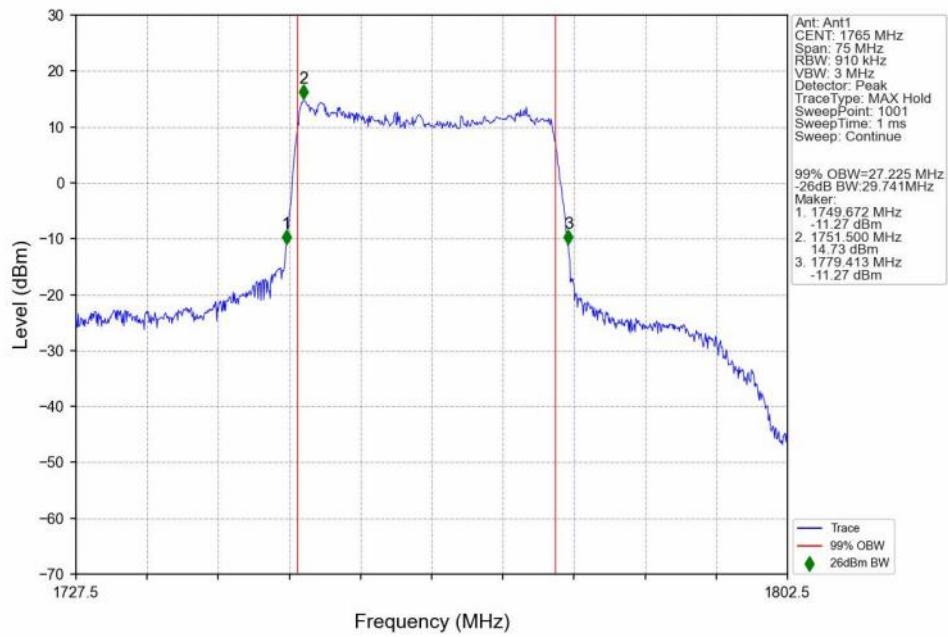
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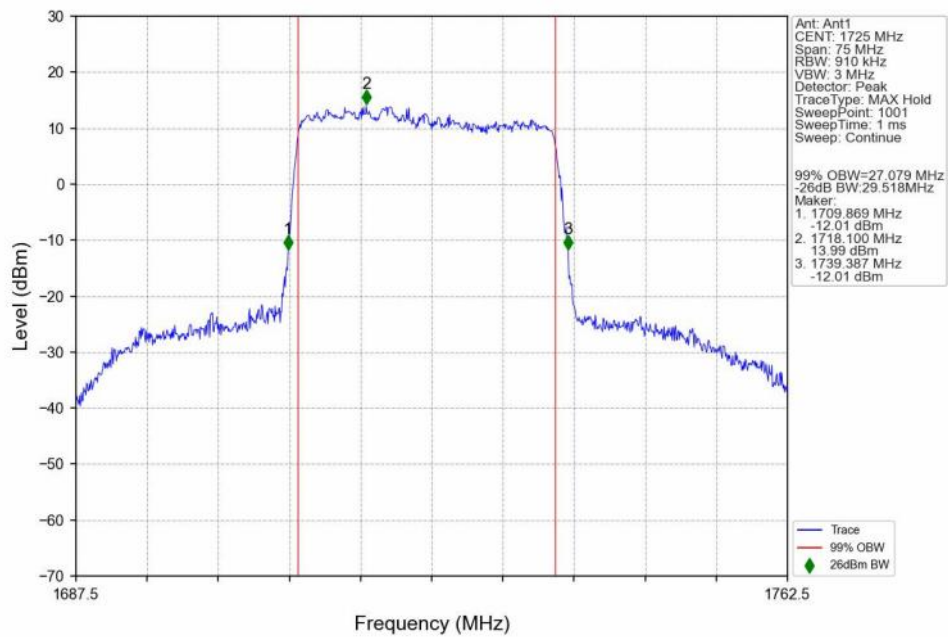
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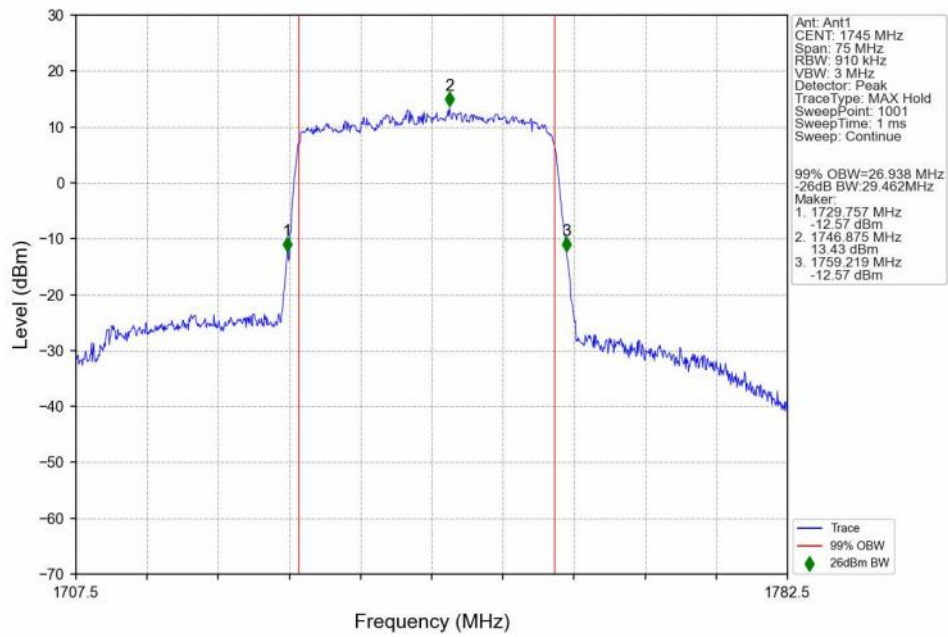
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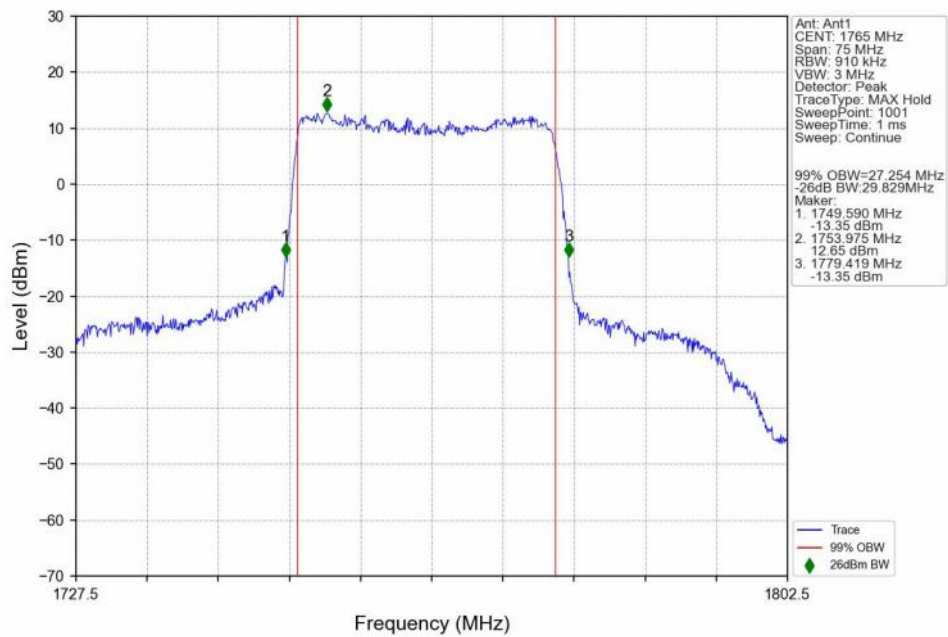
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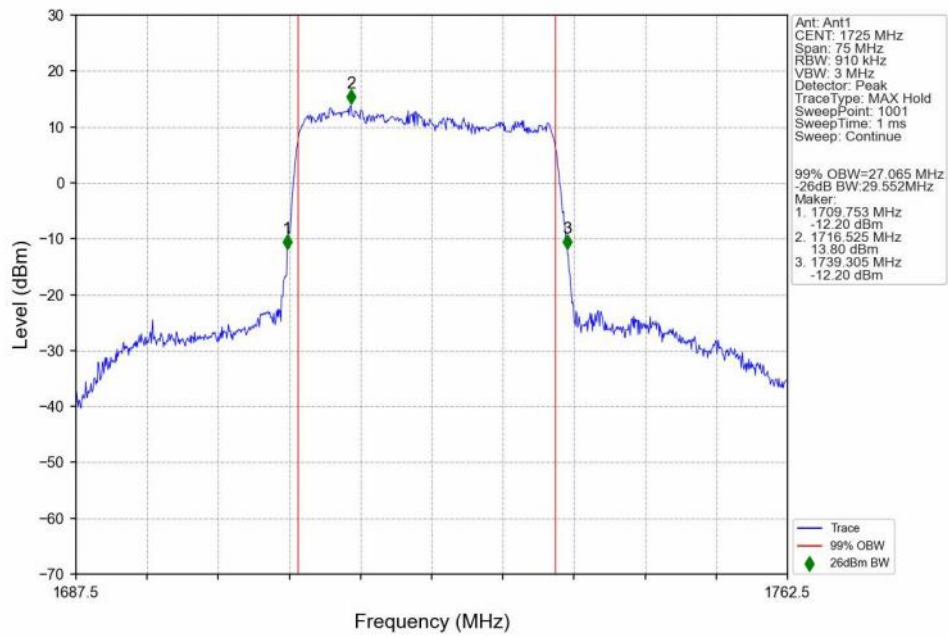
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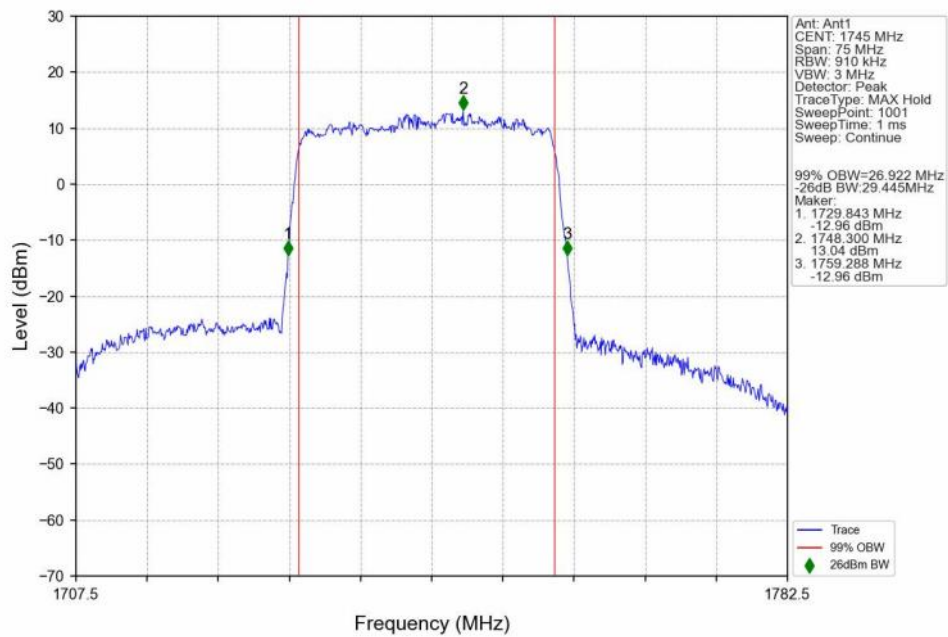
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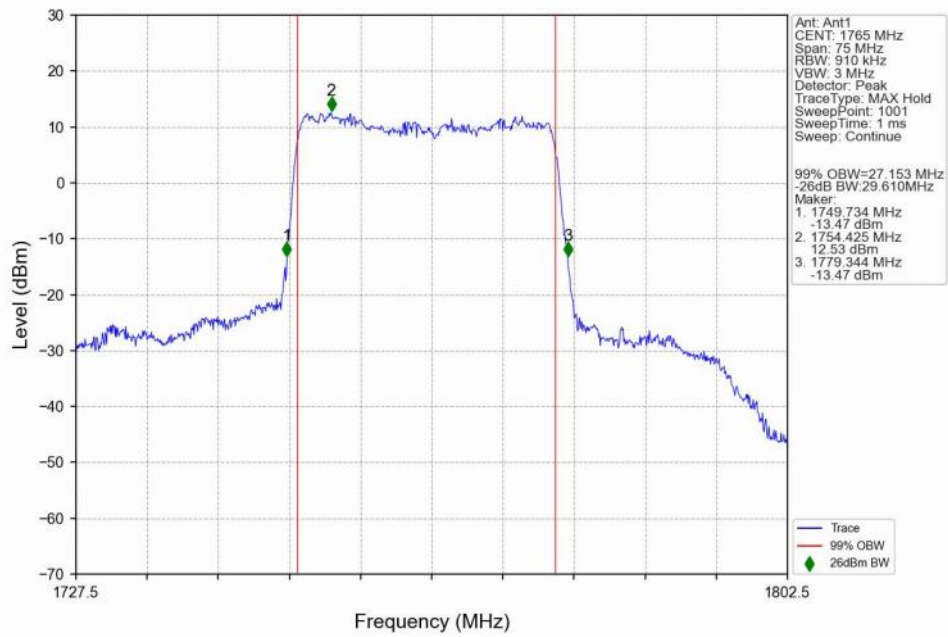
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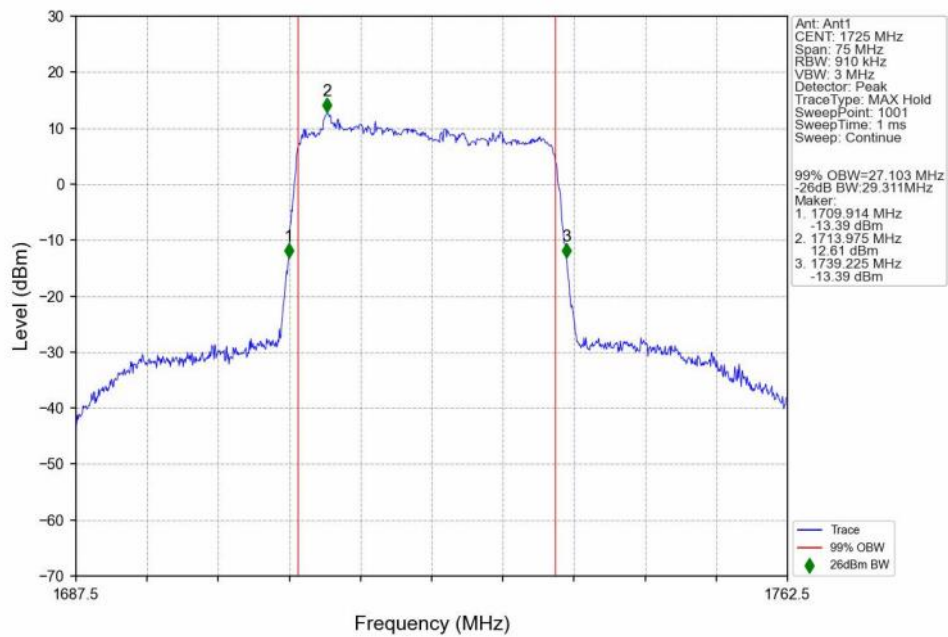
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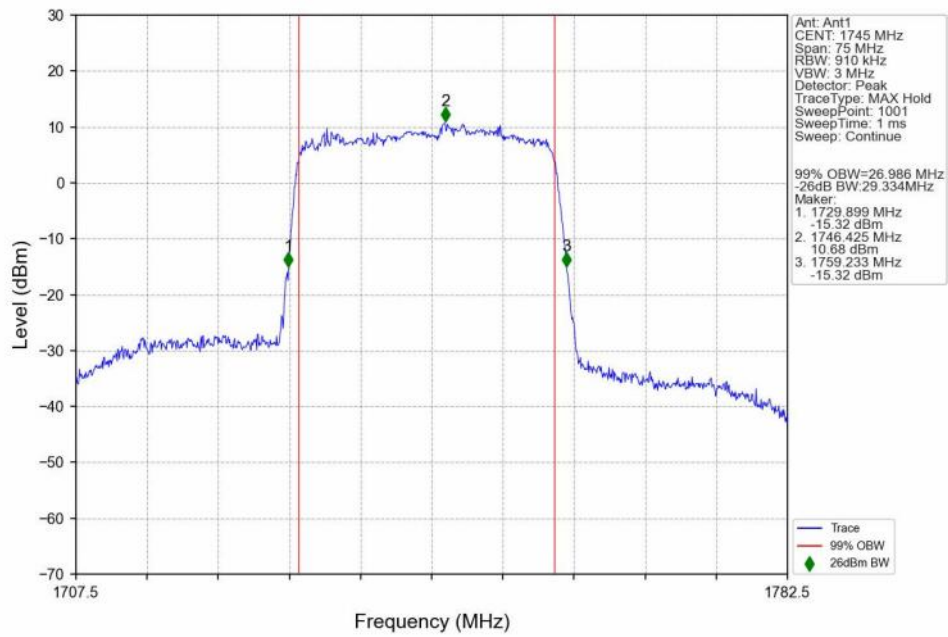
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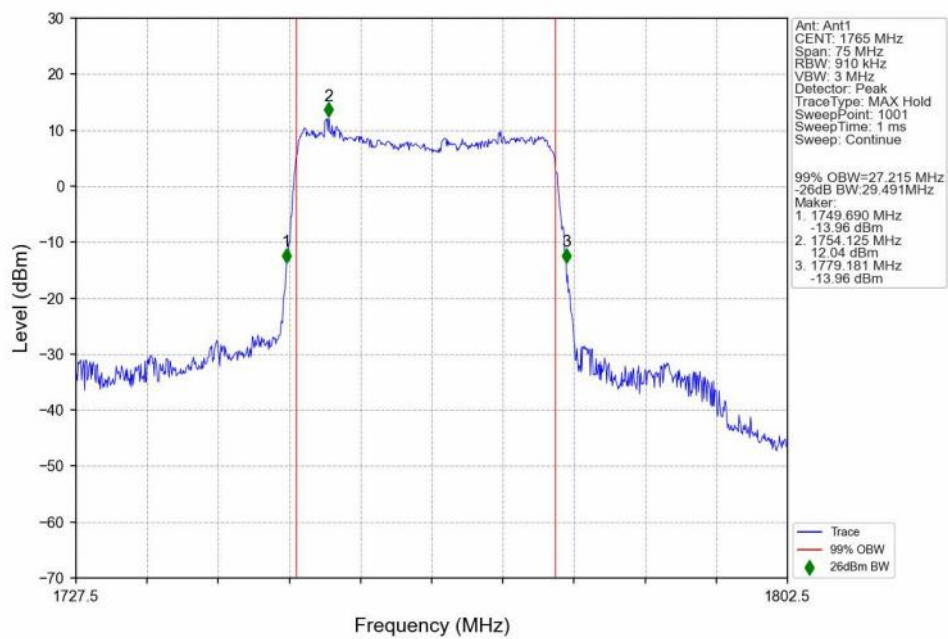
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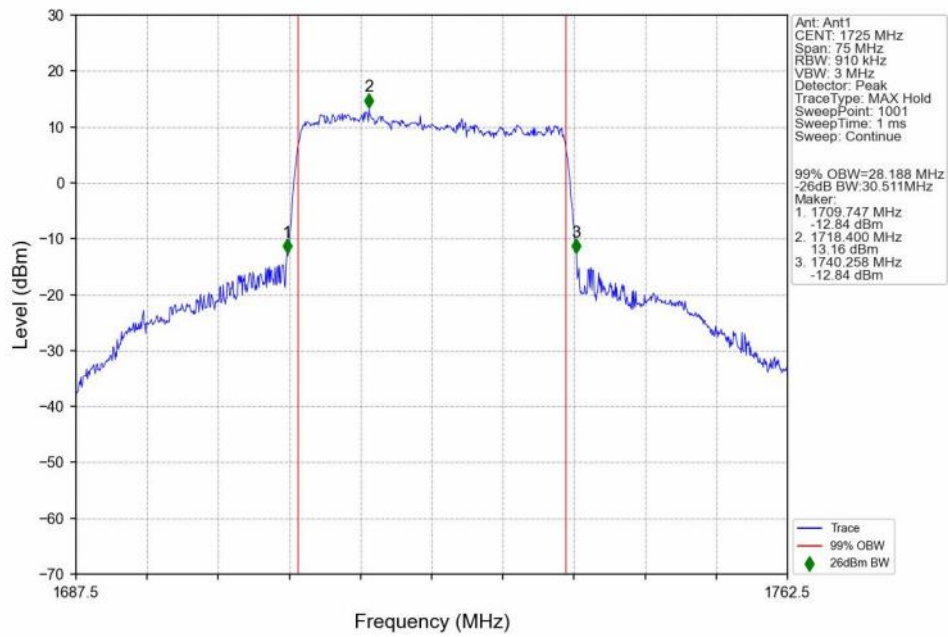
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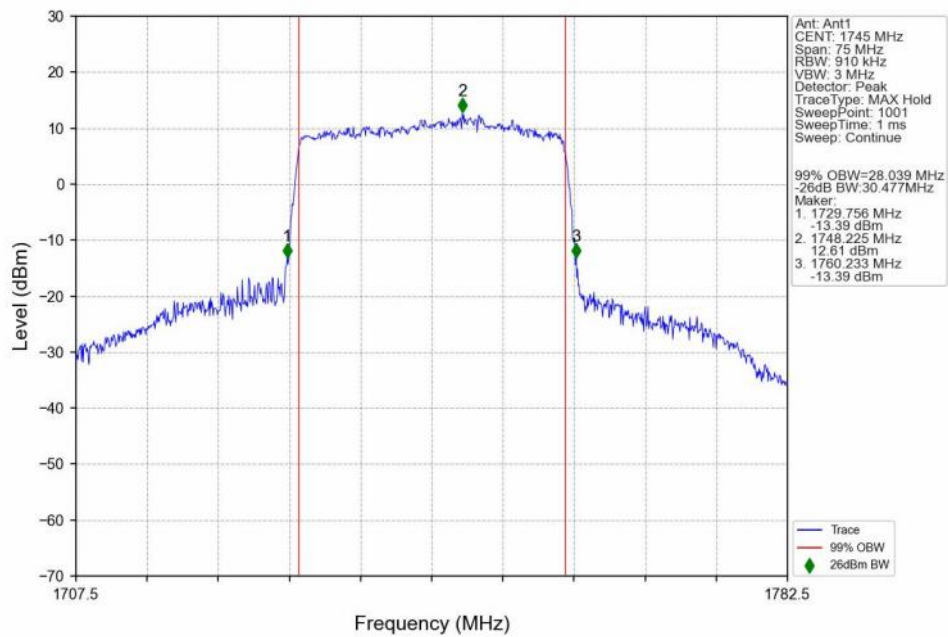
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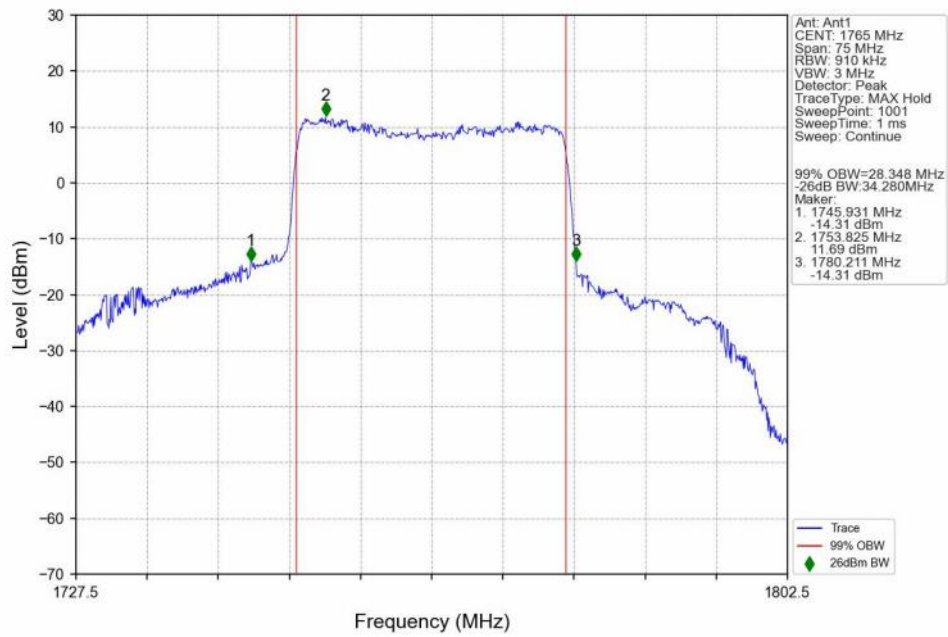
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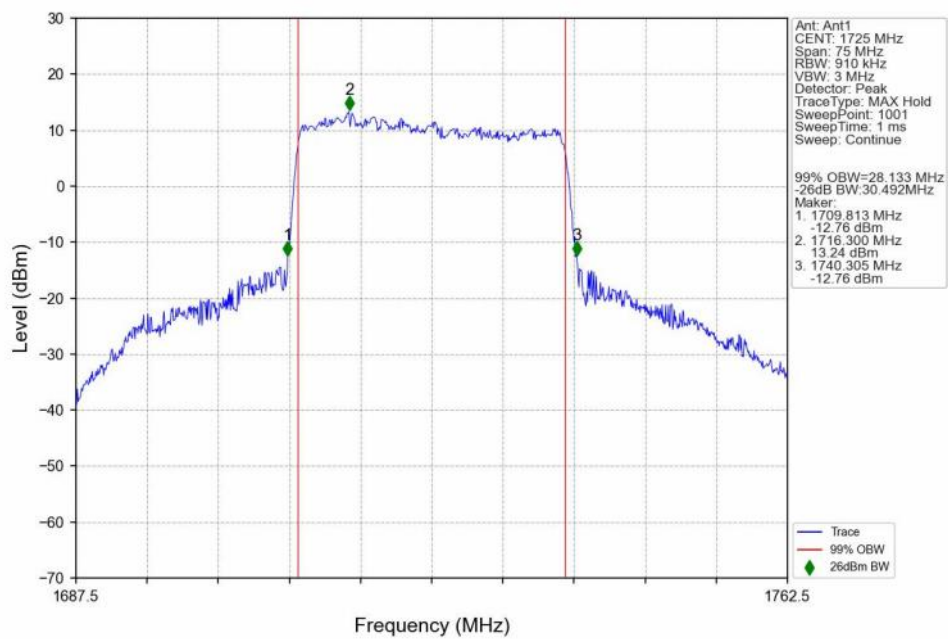
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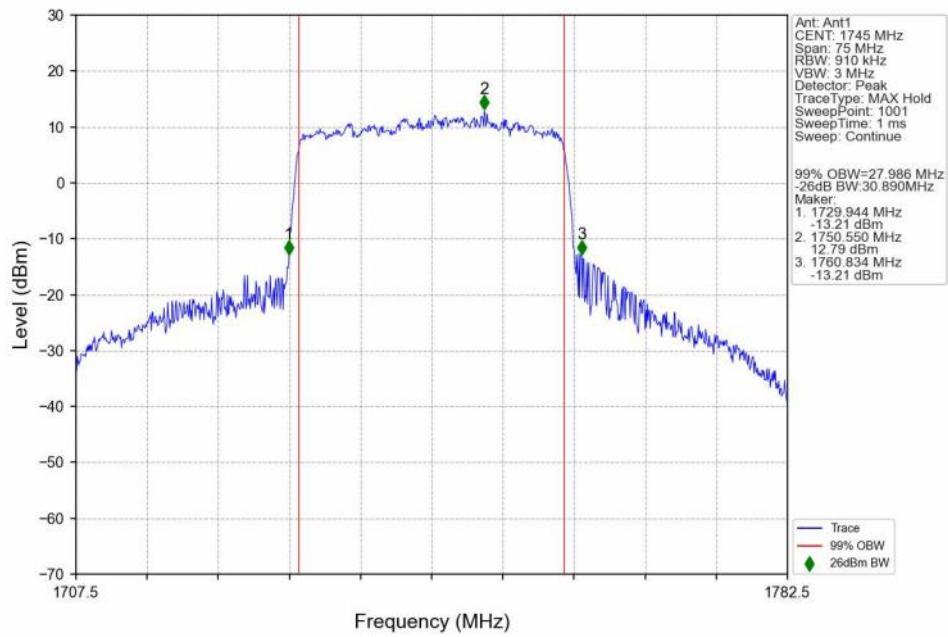
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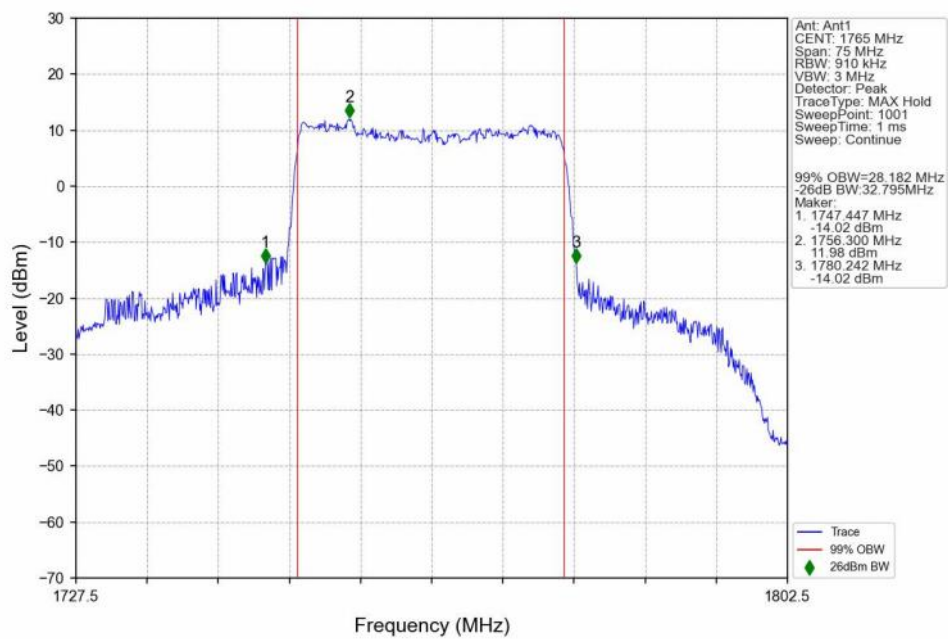
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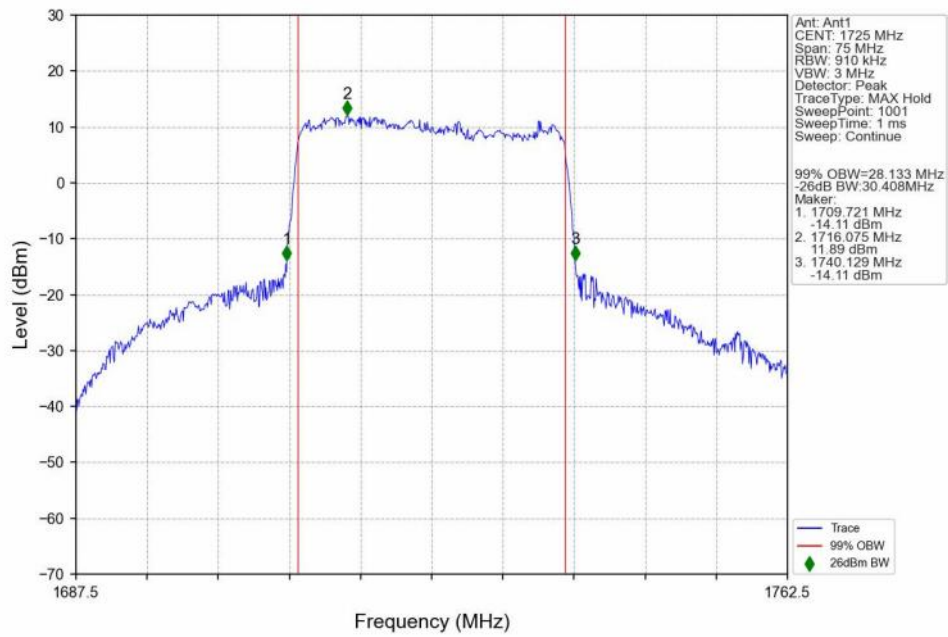
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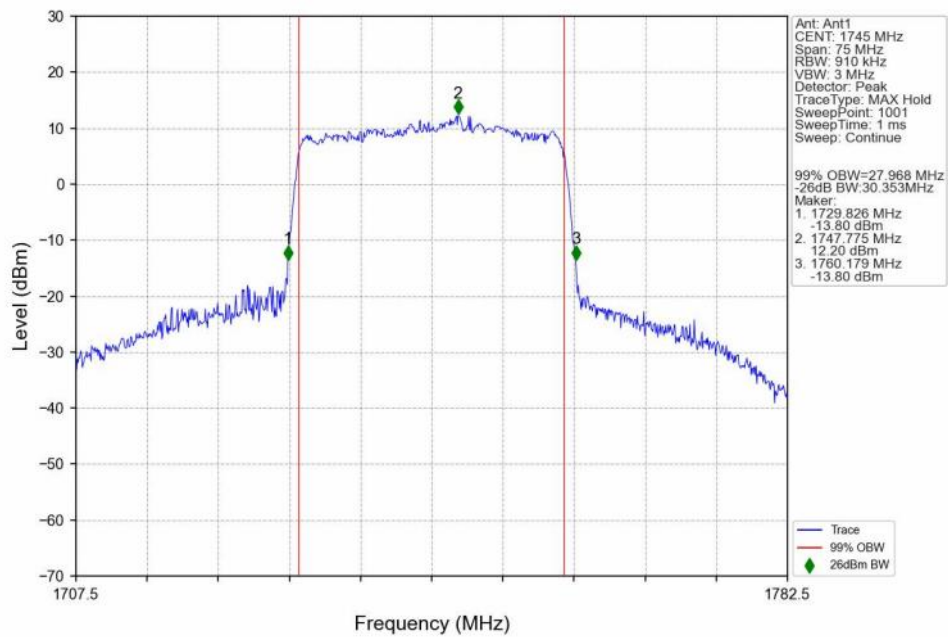
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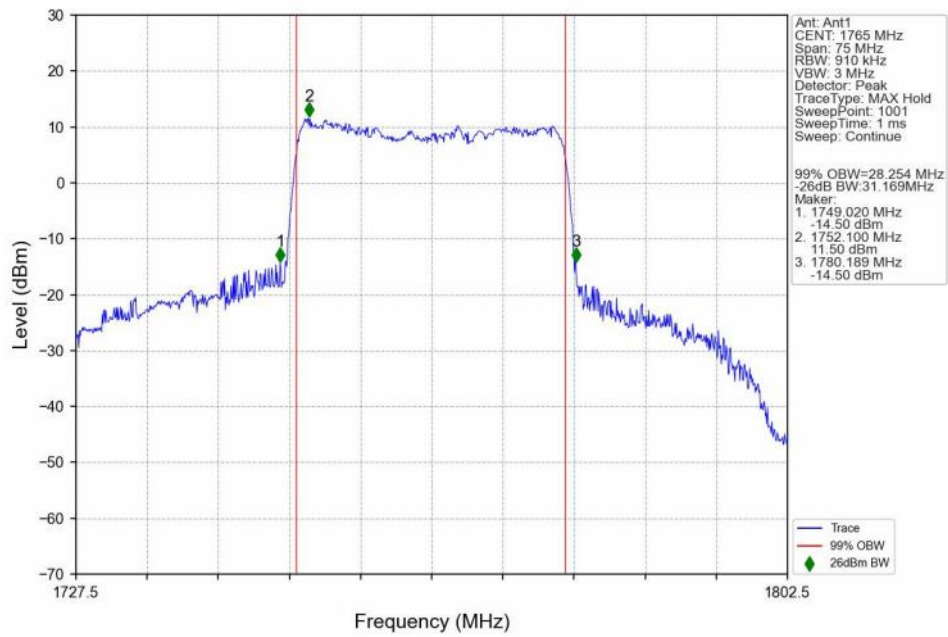
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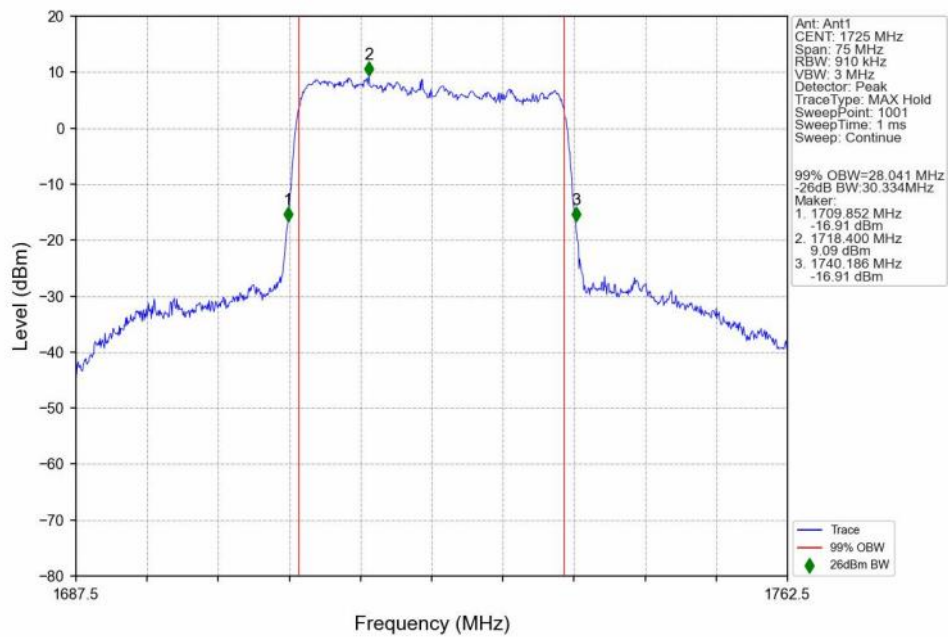
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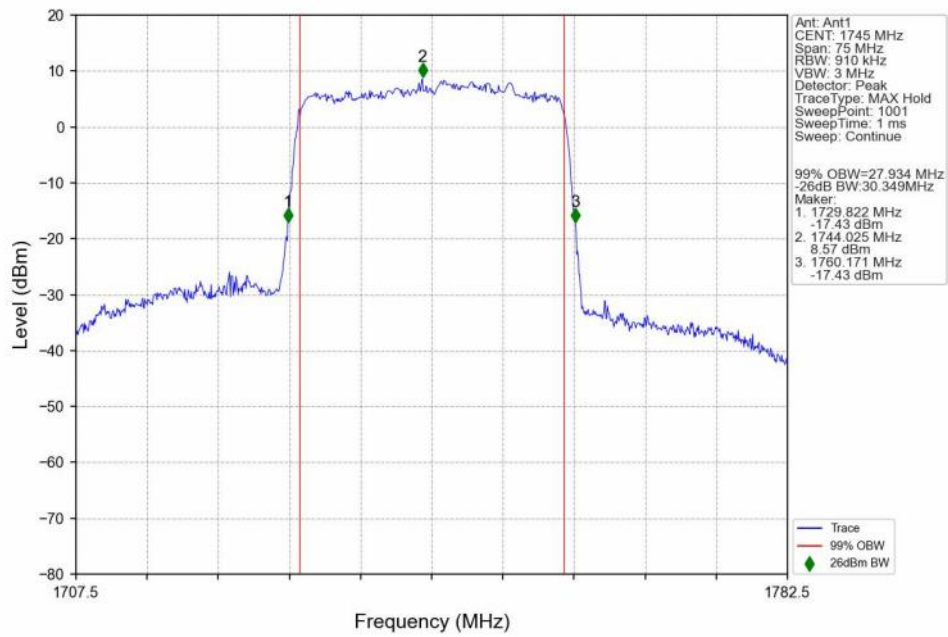
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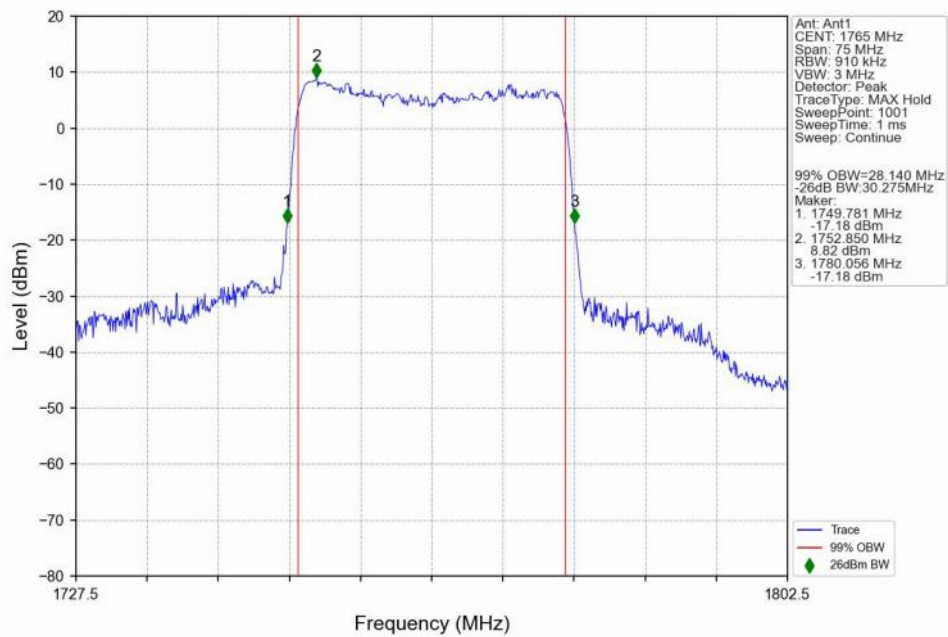
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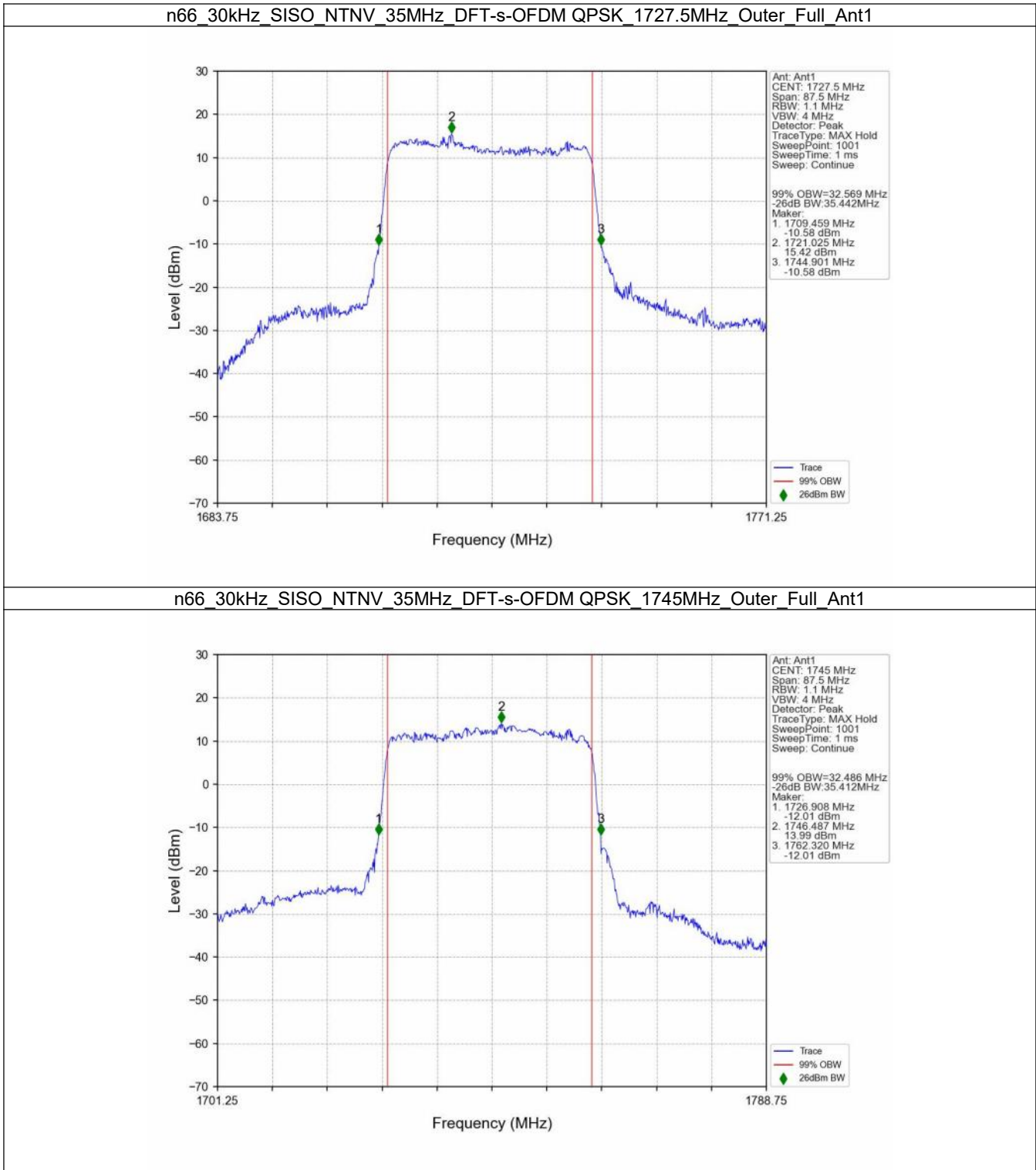
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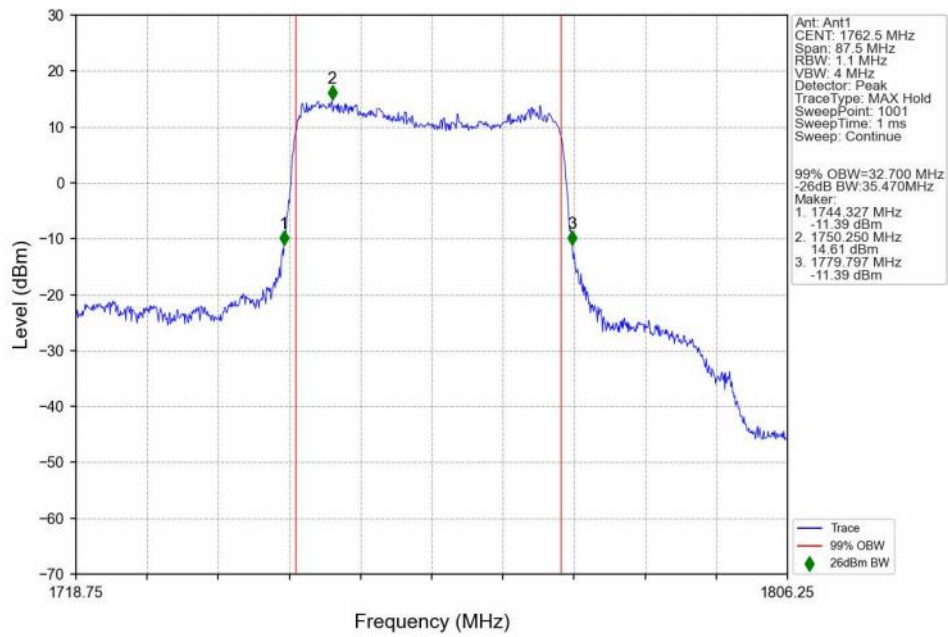
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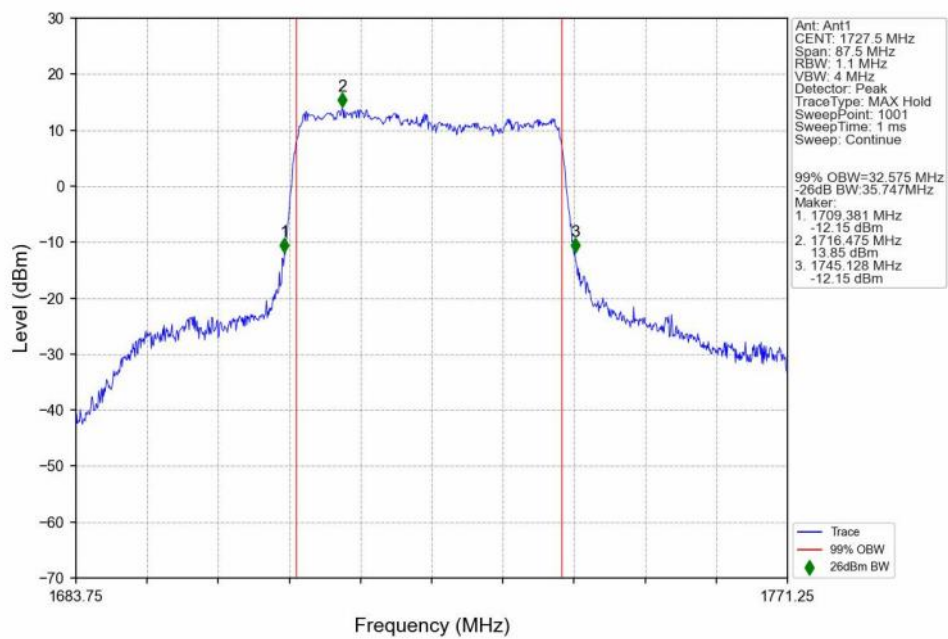
4.2.15 30k_SISO_35MHz_NTNV



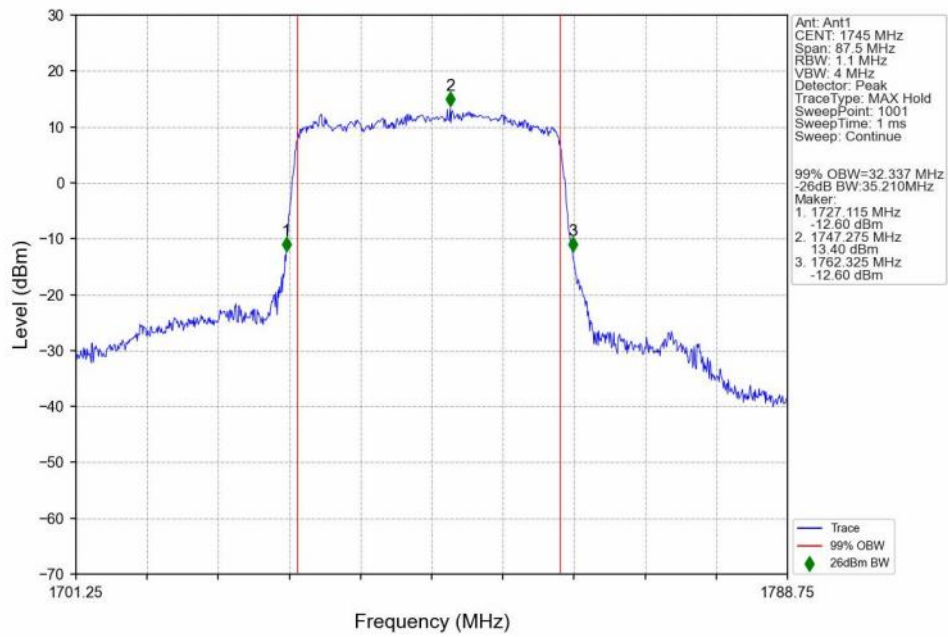
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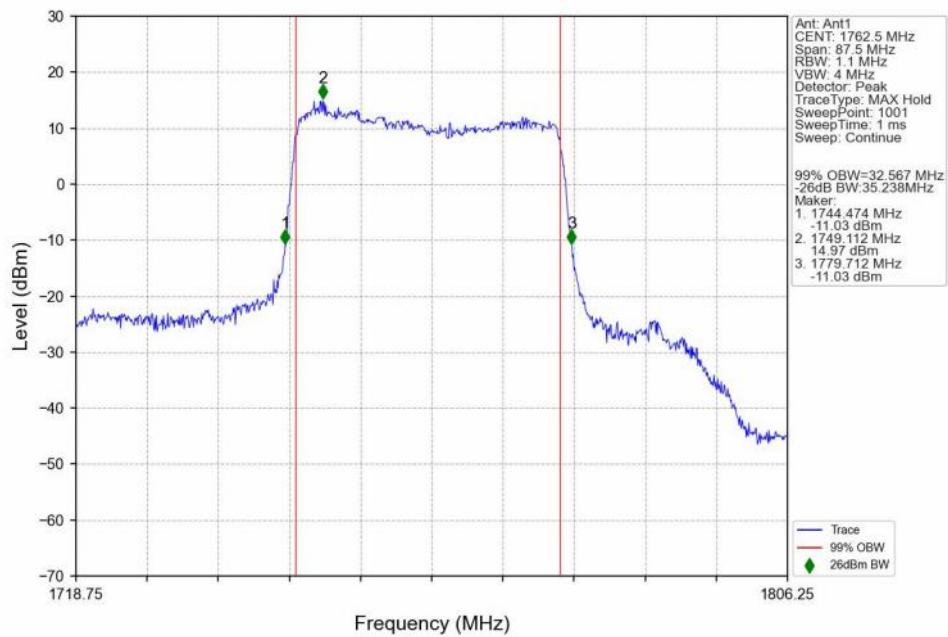
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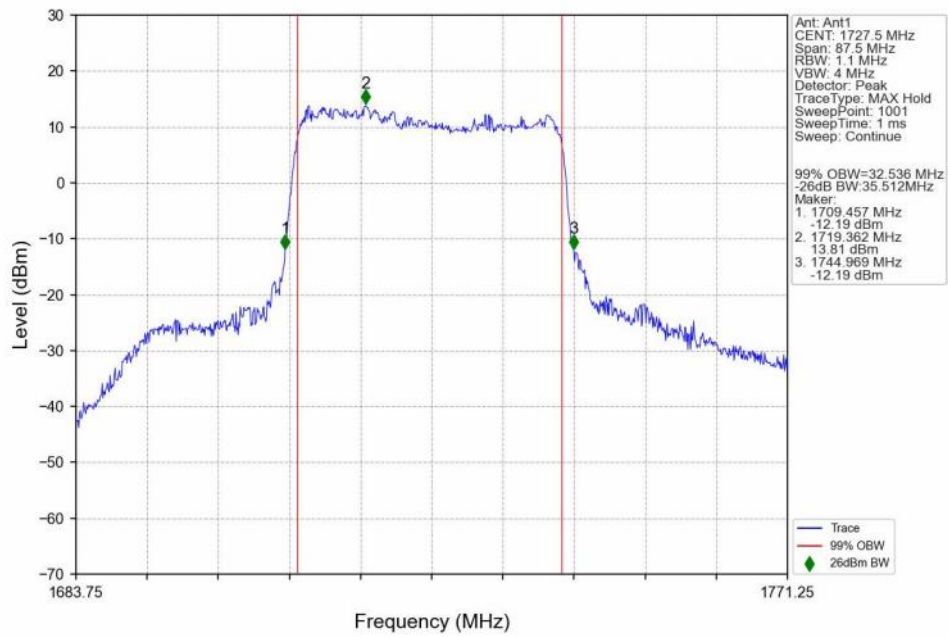
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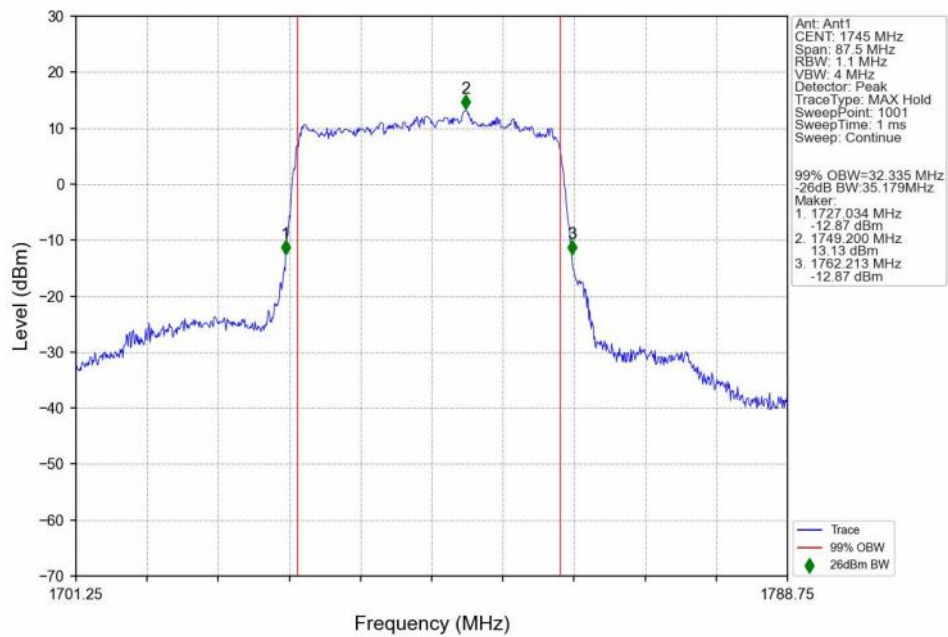
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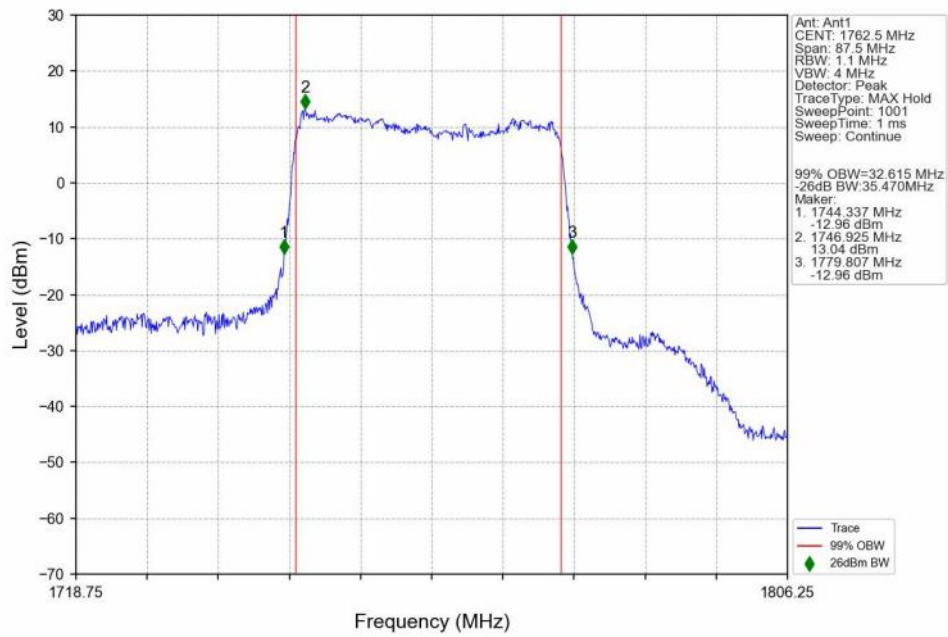
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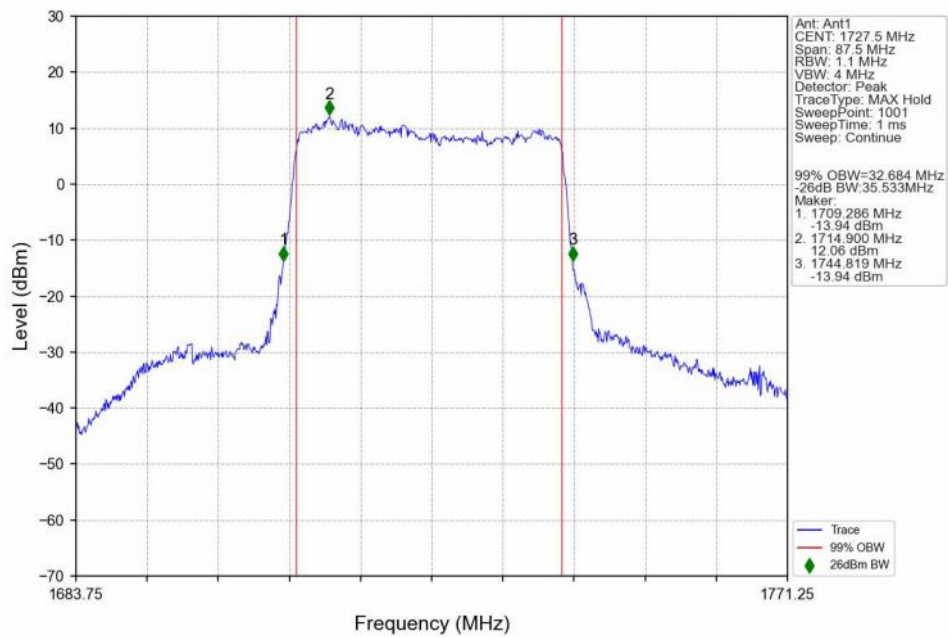
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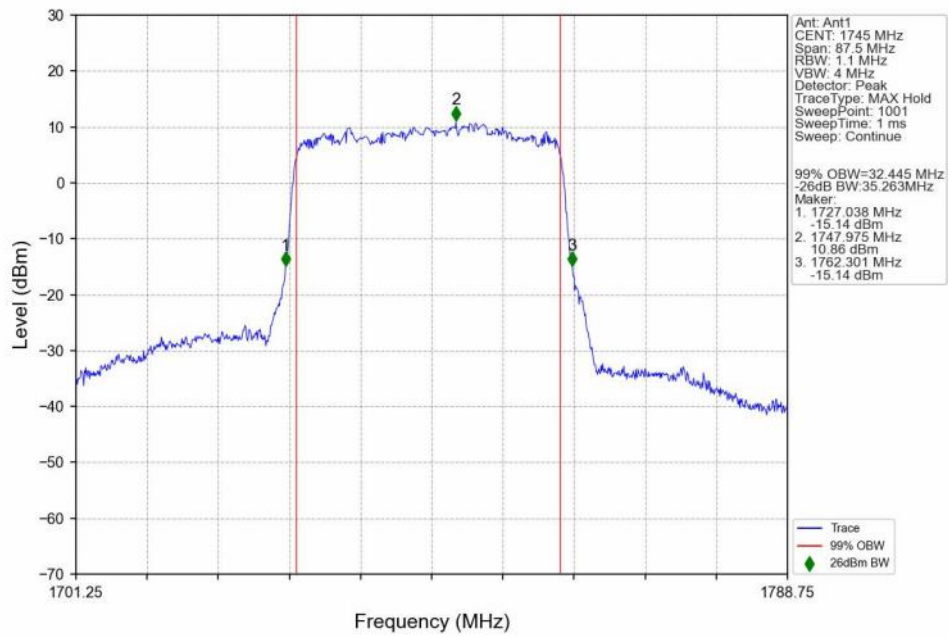
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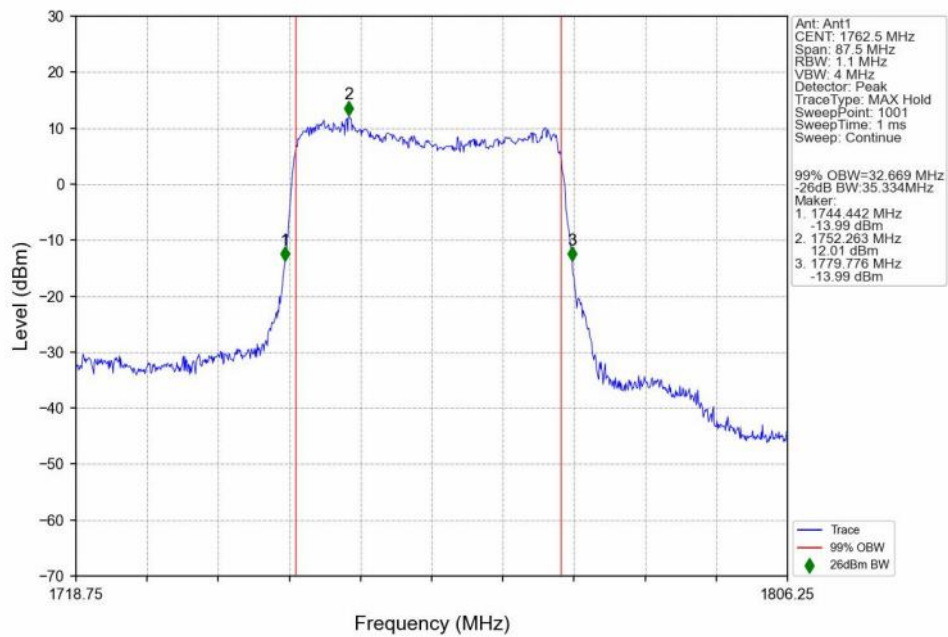
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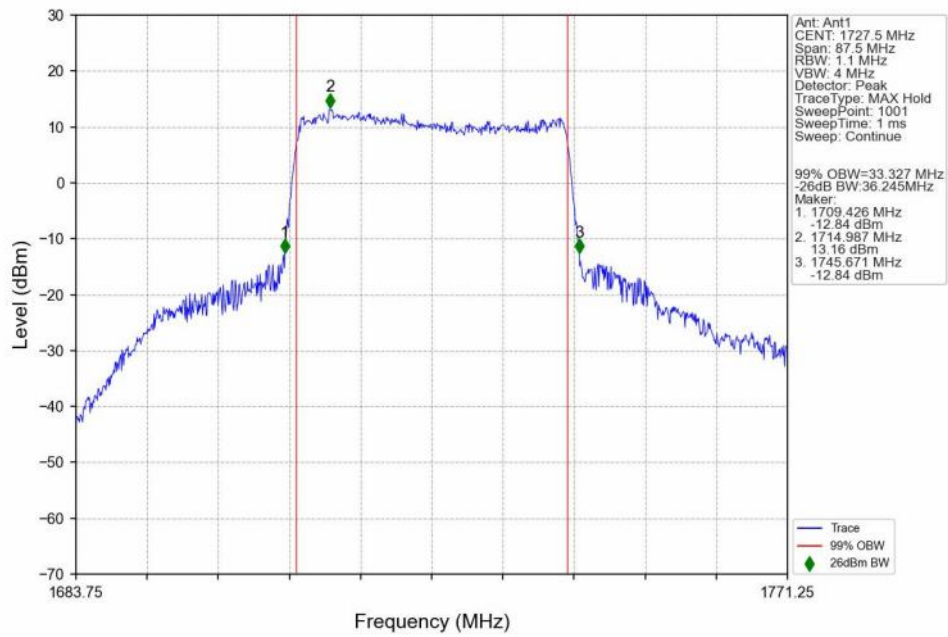
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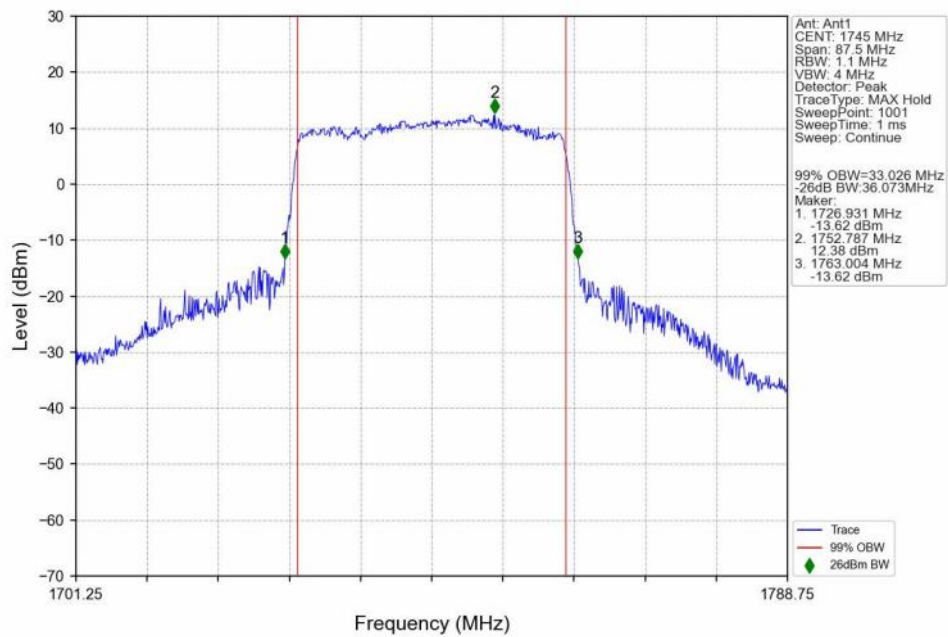
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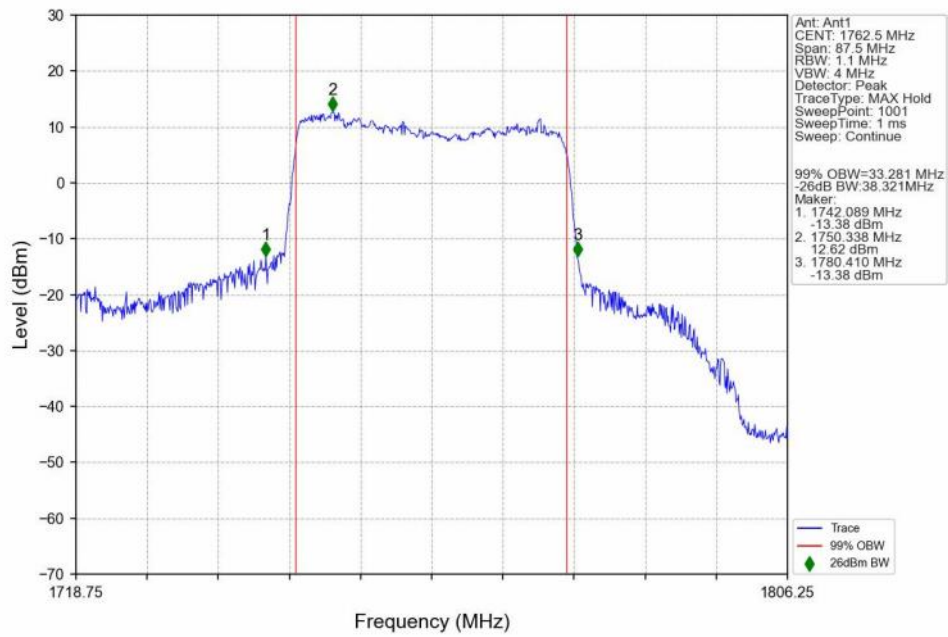
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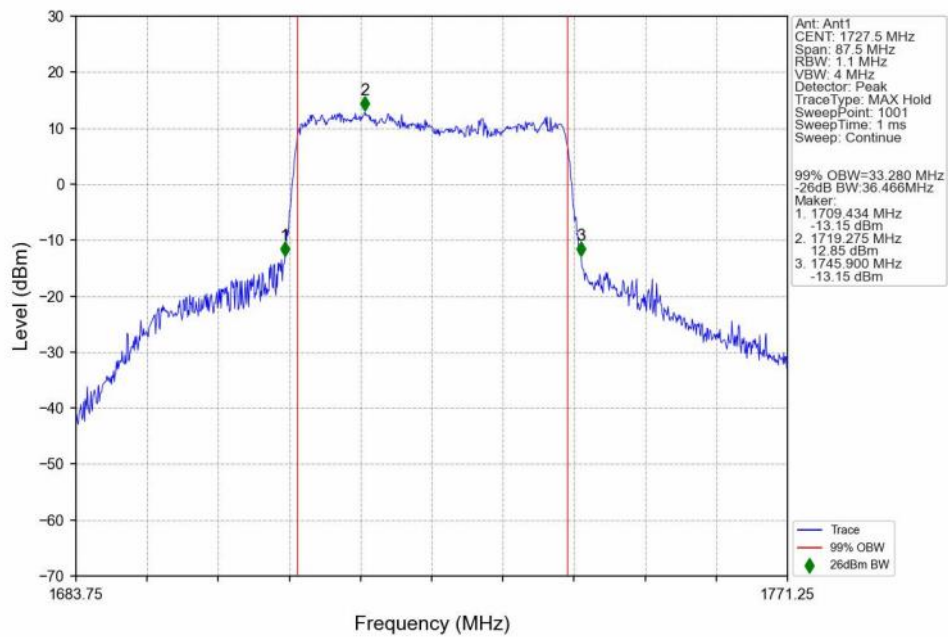
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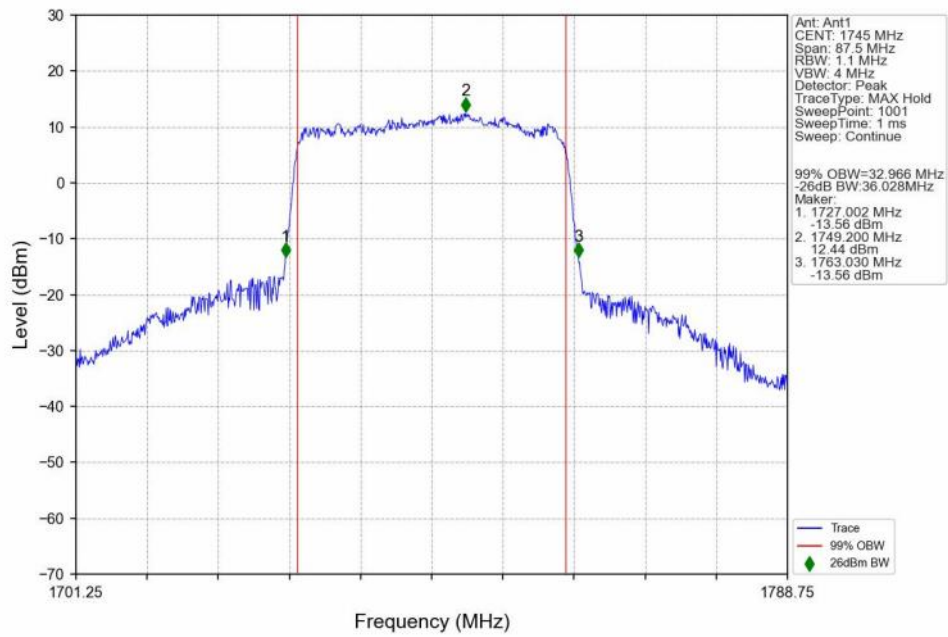
n66_30kHz_SISO_NTNV_35MHz_CP-OFDM QPSK_1762.5MHz_Outer_Full_Ant1



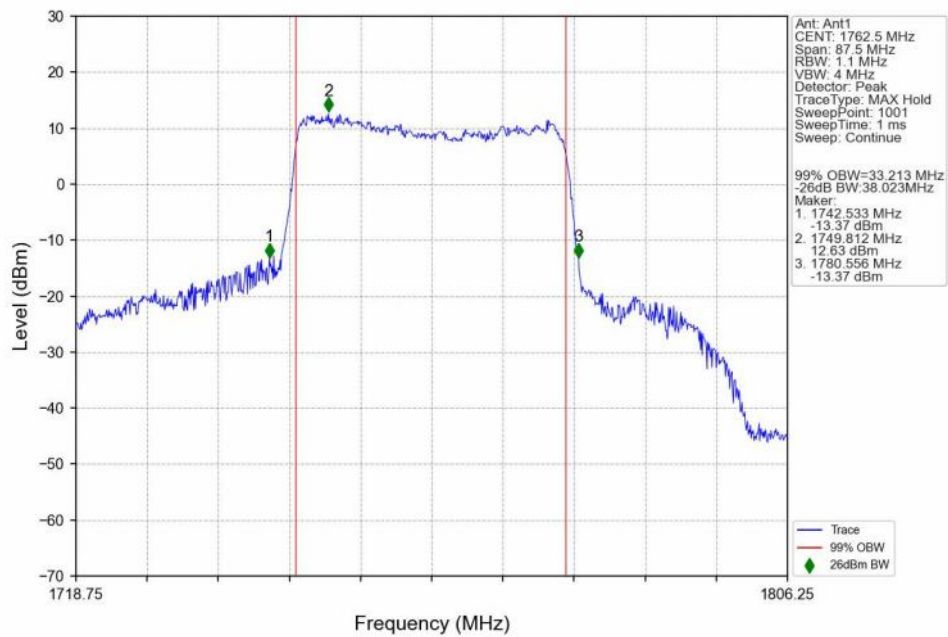
n66_30kHz_SISO_NTNV_35MHz_CP-OFDM 16 QAM_1727.5MHz_Outer_Full_Ant1



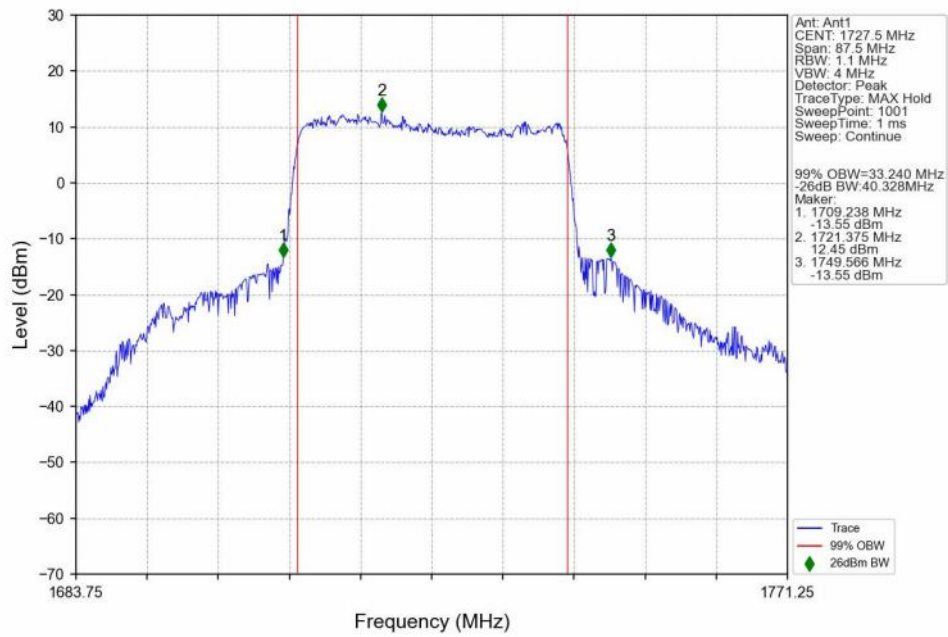
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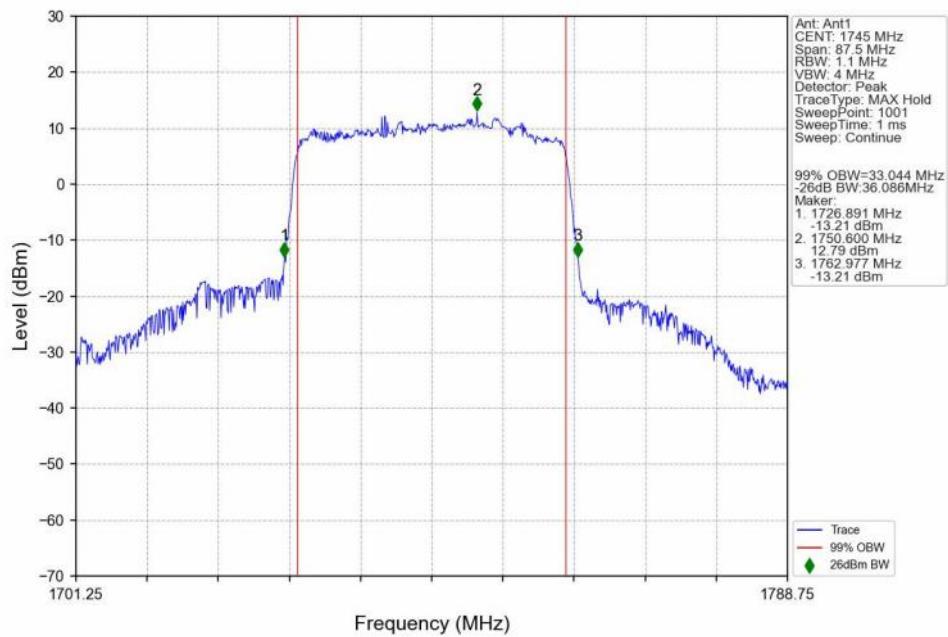
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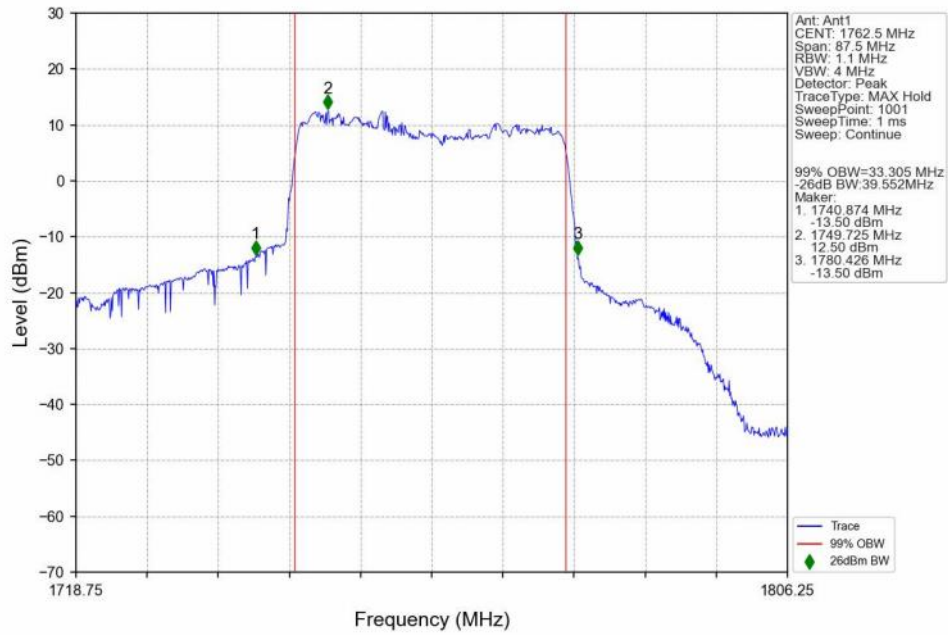
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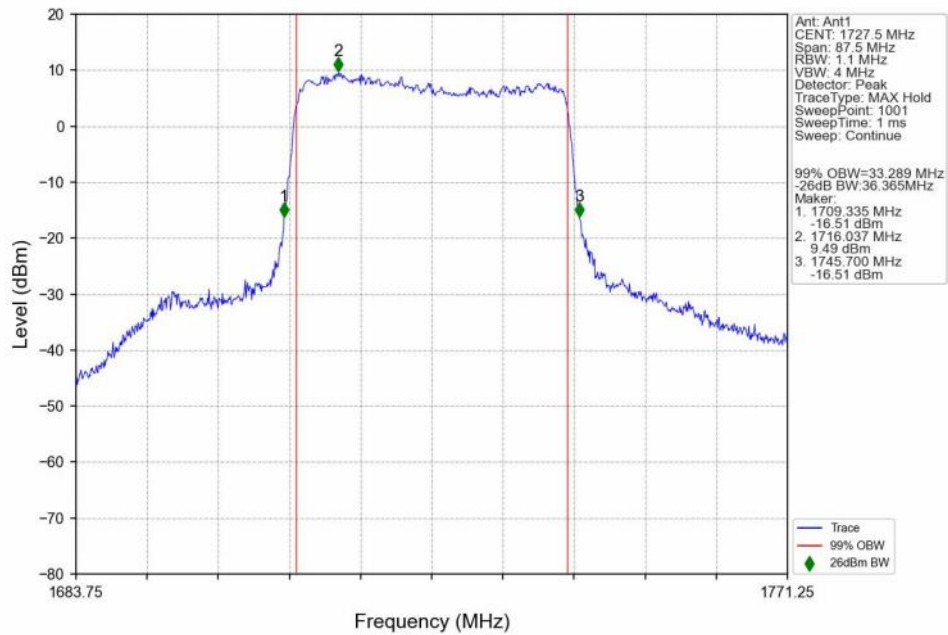
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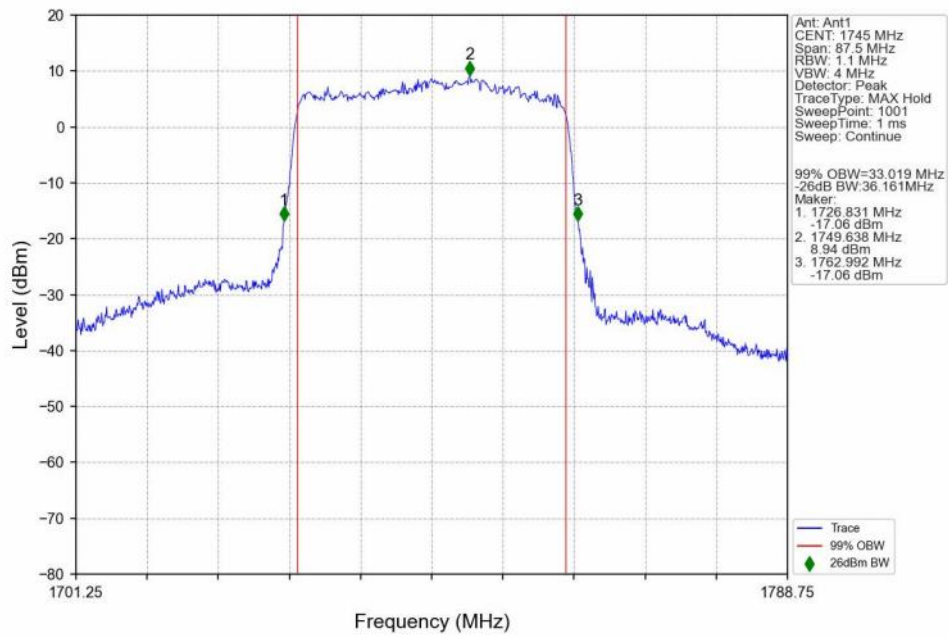
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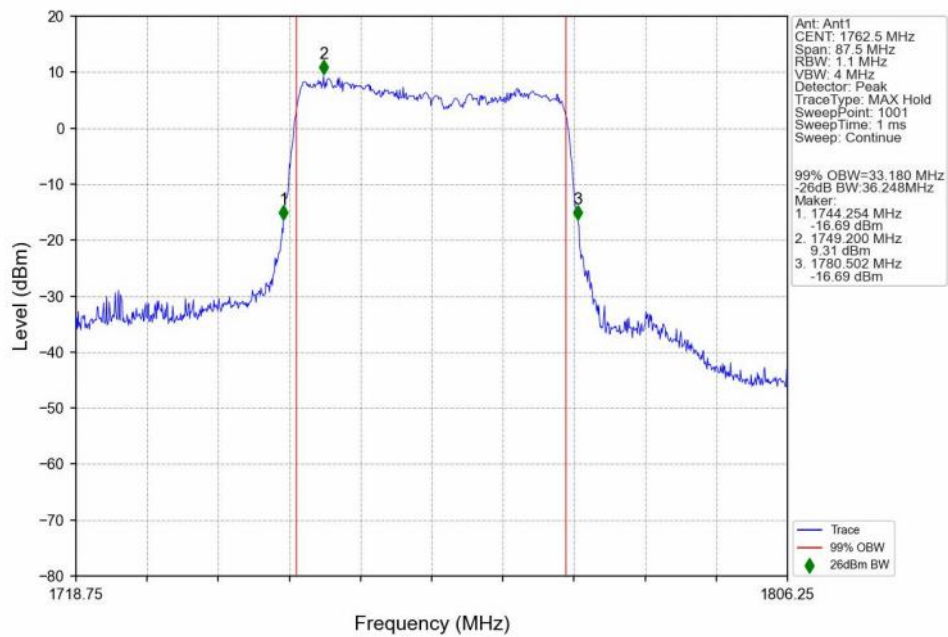
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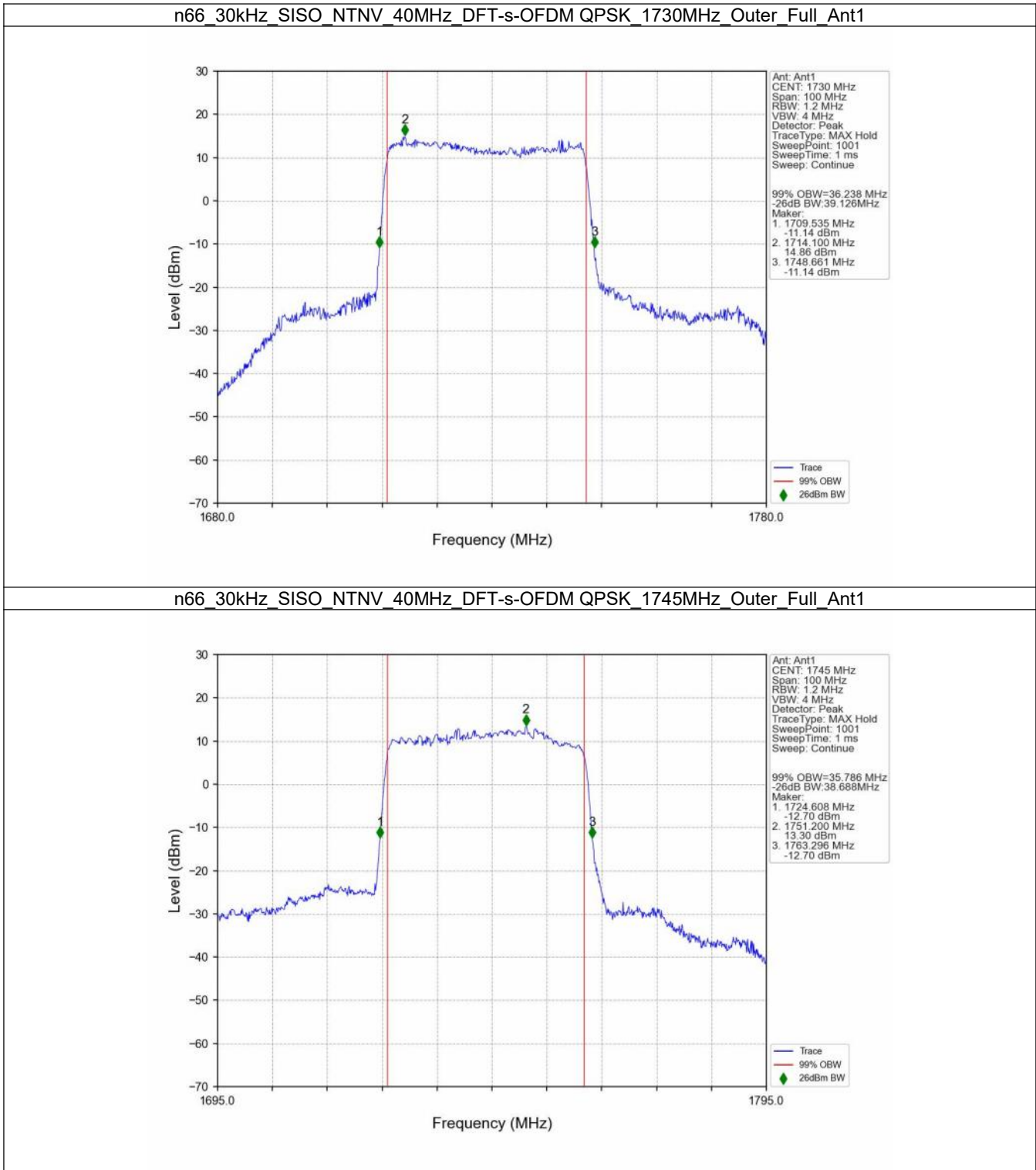
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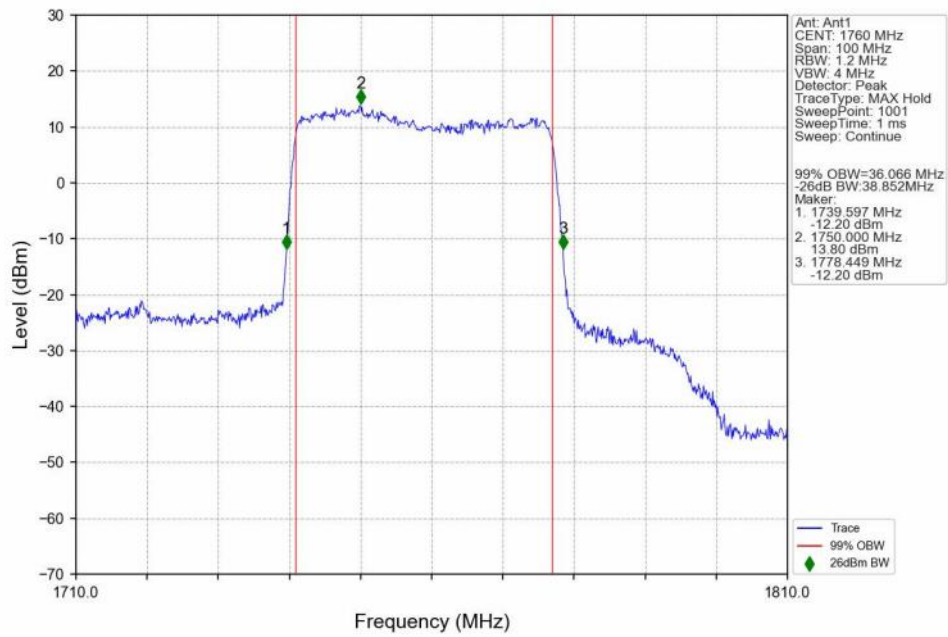
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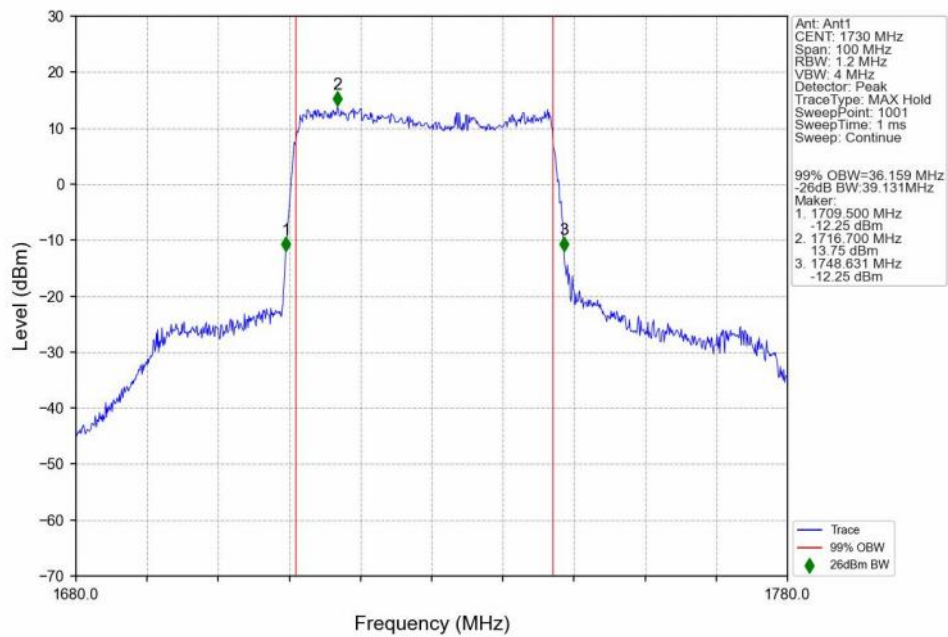
4.2.16 30k_SISO_40MHz_NTNV



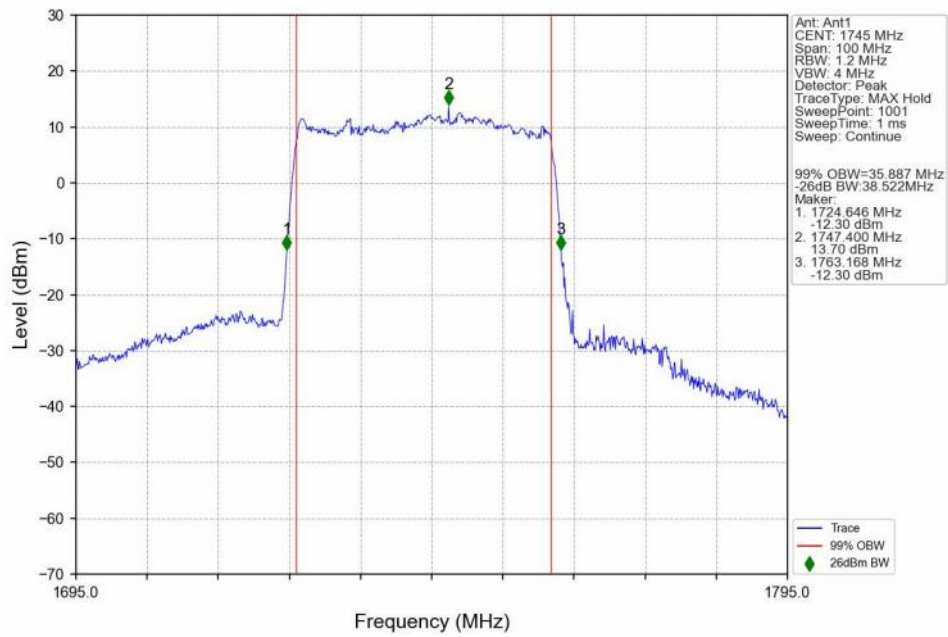
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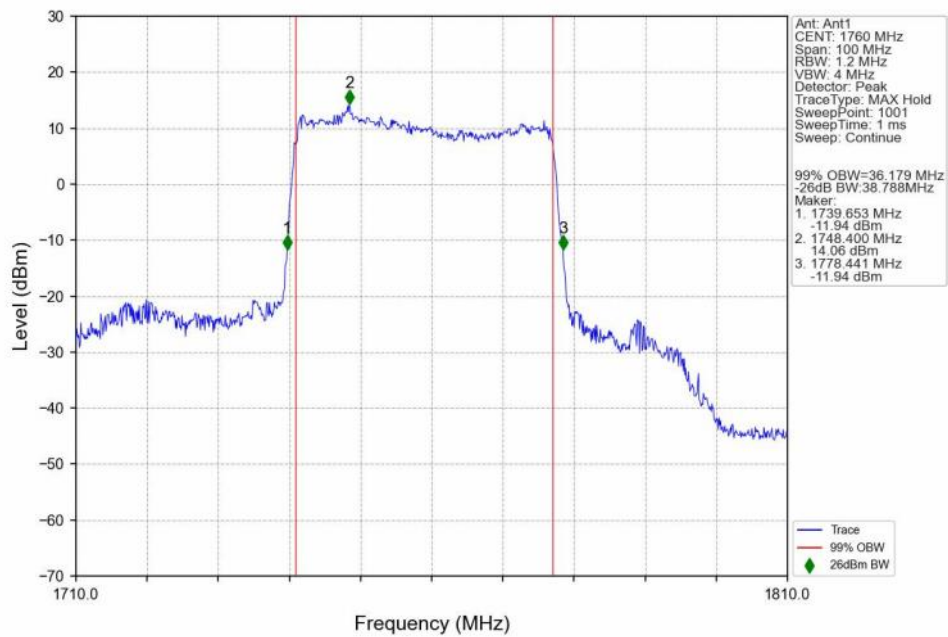
n66_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM 16 QAM 1730MHz_Outer_Full_Ant1



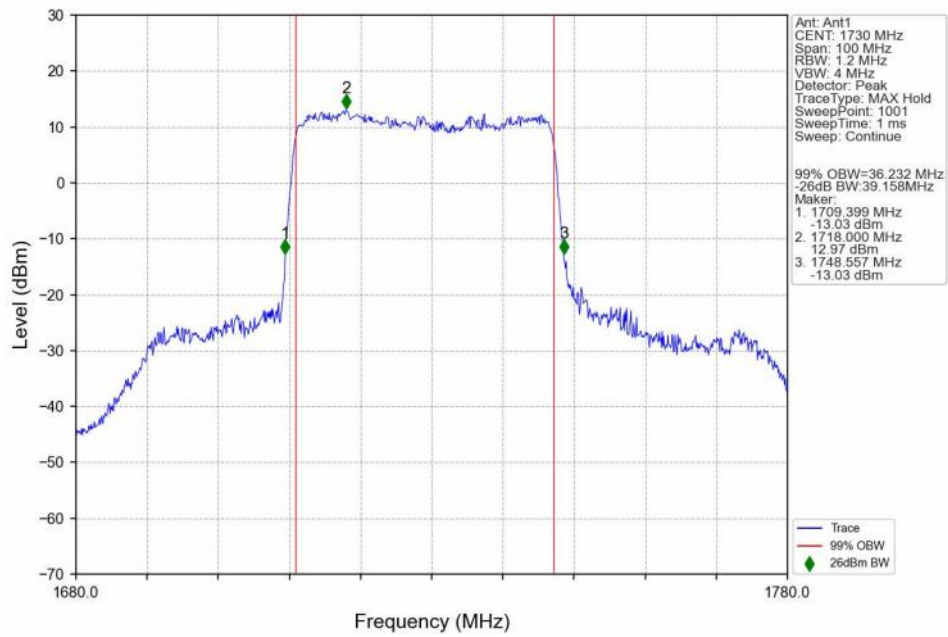
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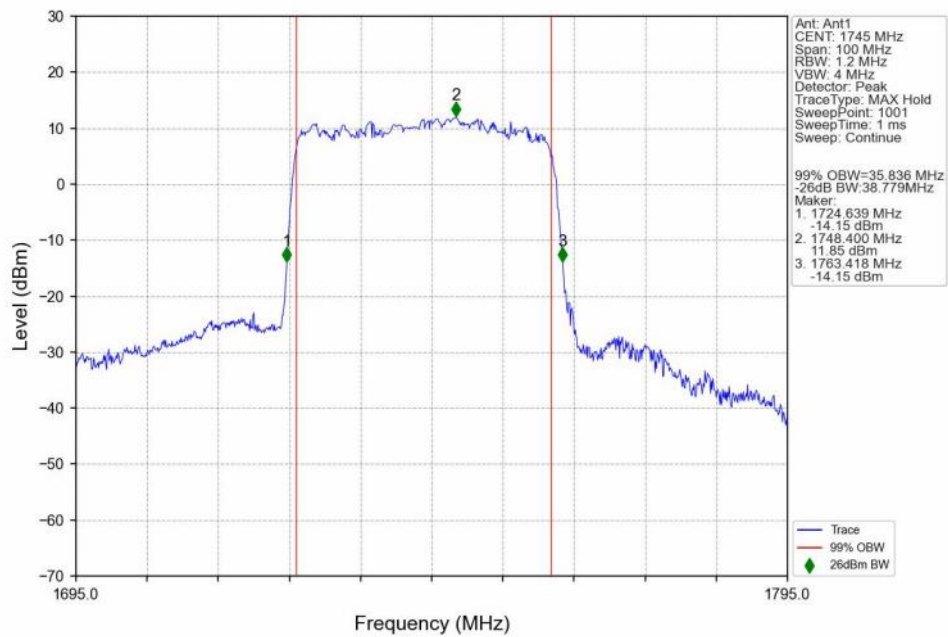
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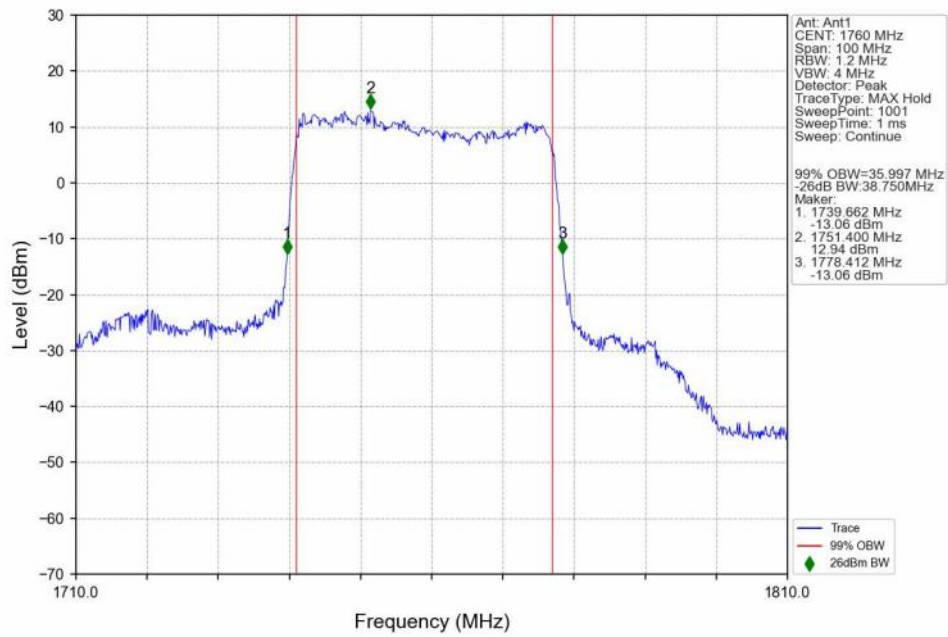
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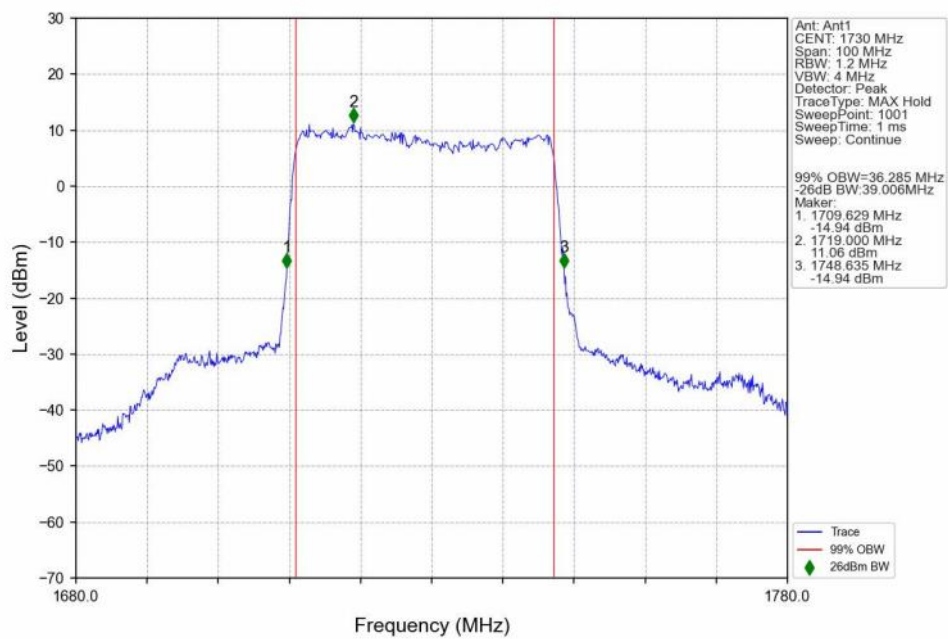
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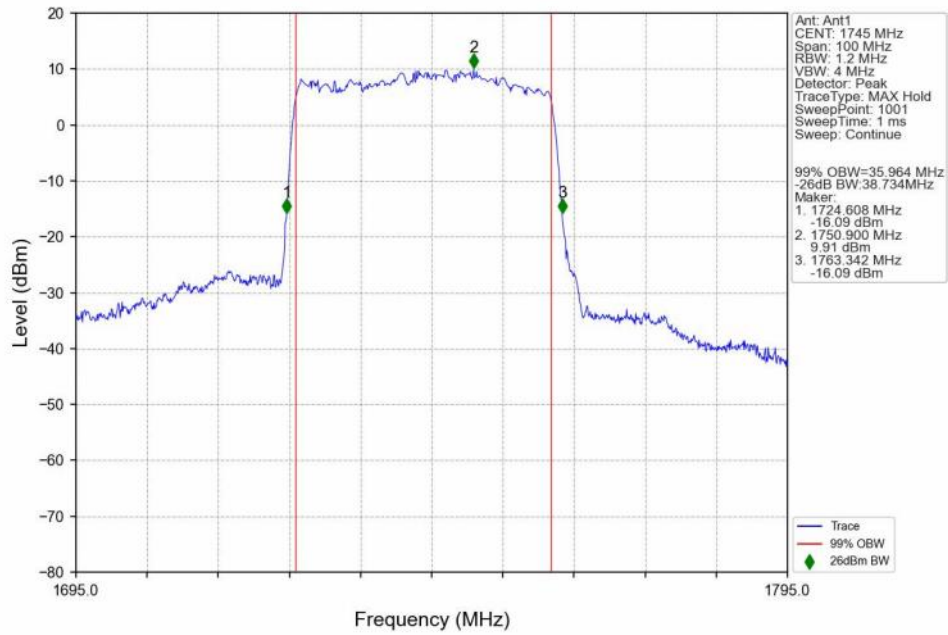
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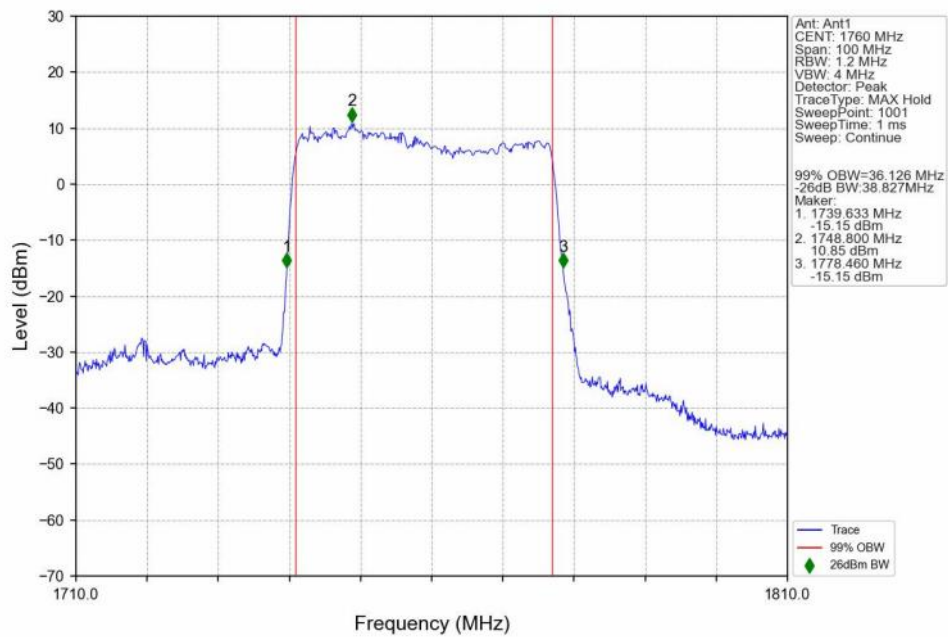
n66_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM 256 QAM_1730MHz_Outer_Full_Ant1



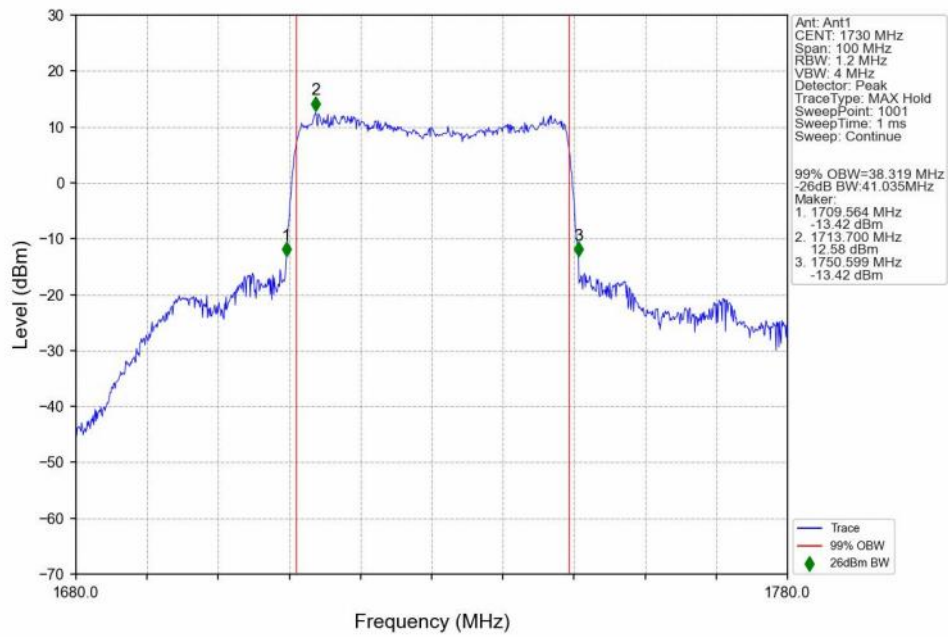
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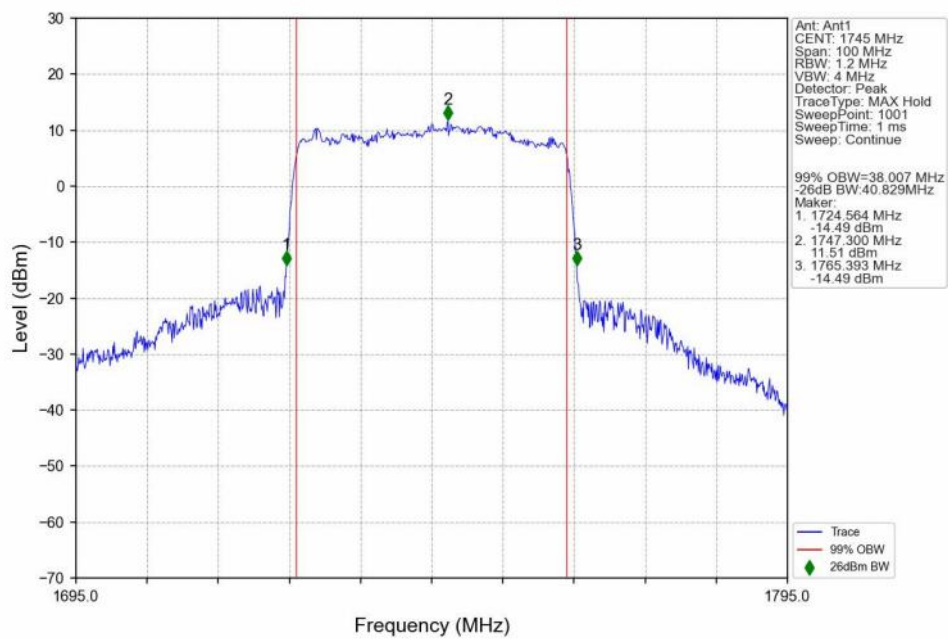
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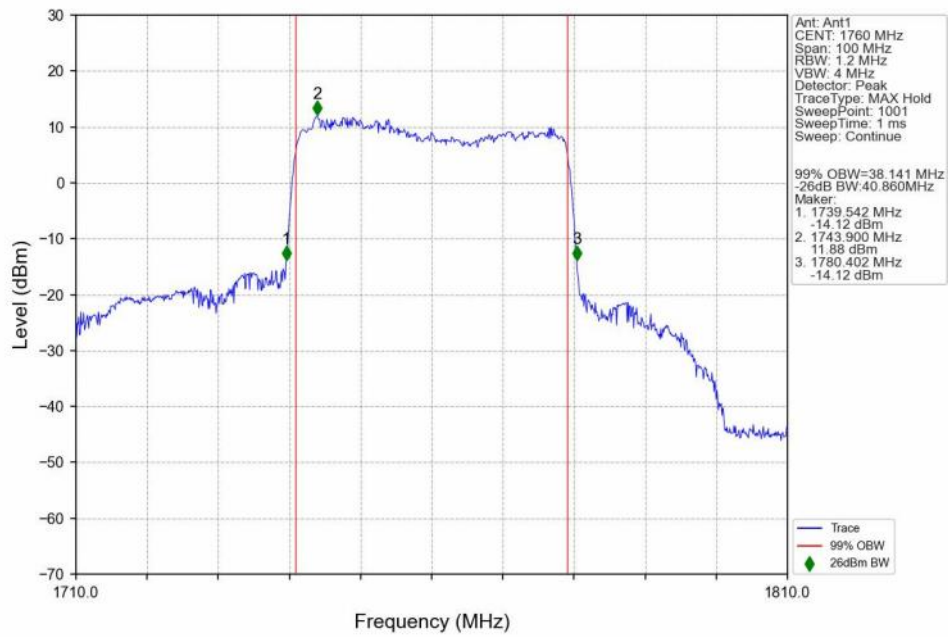
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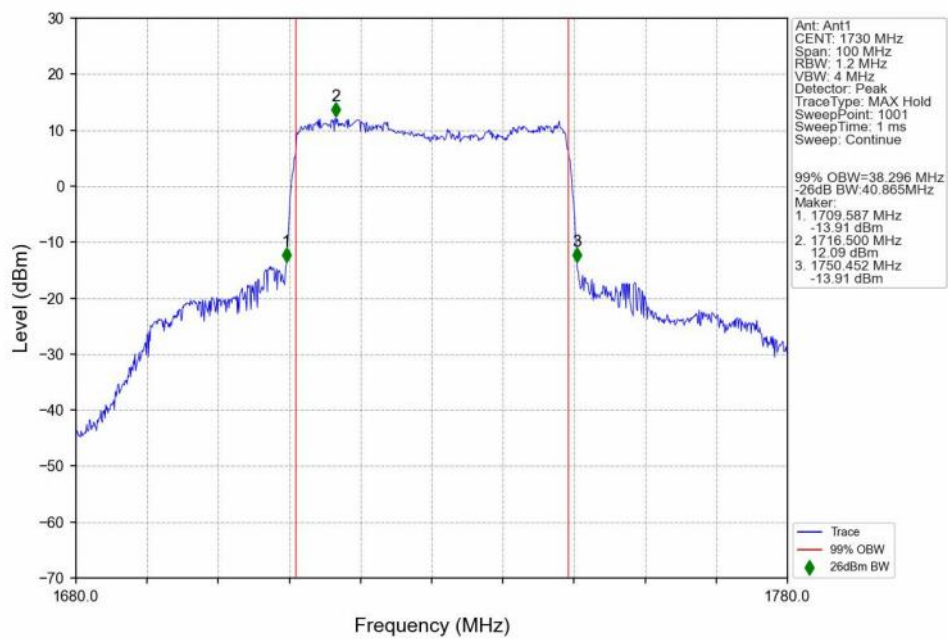
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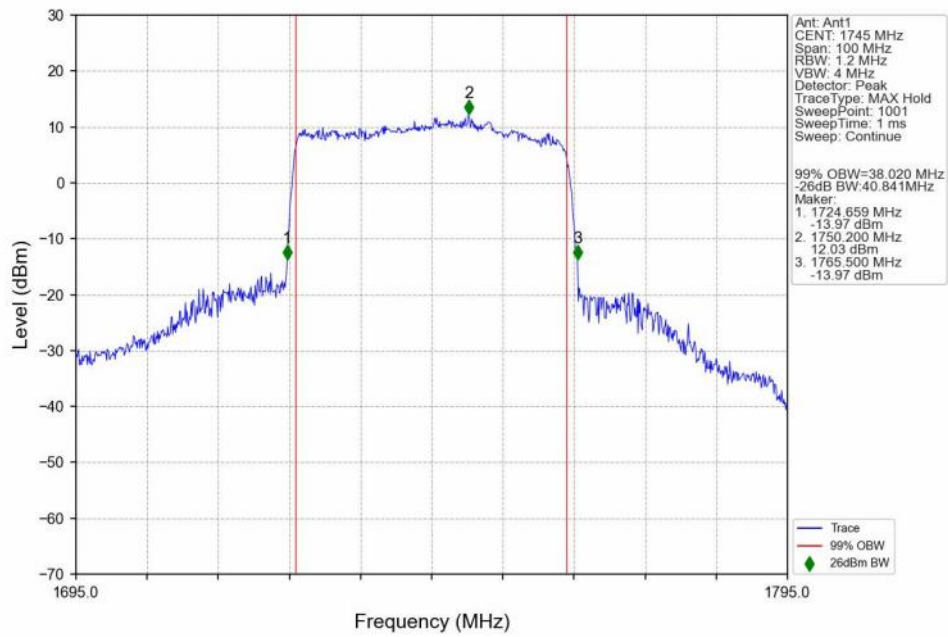
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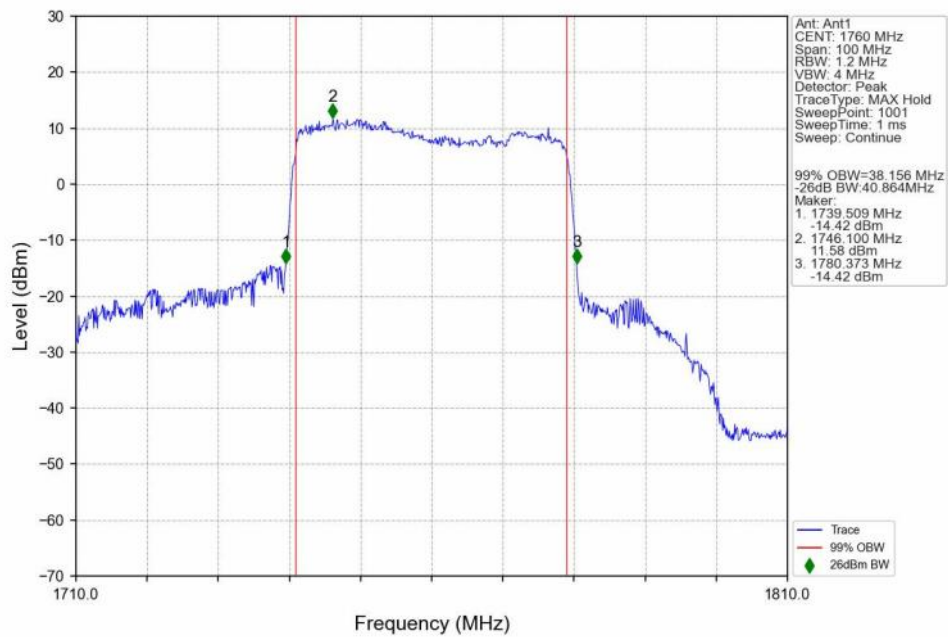
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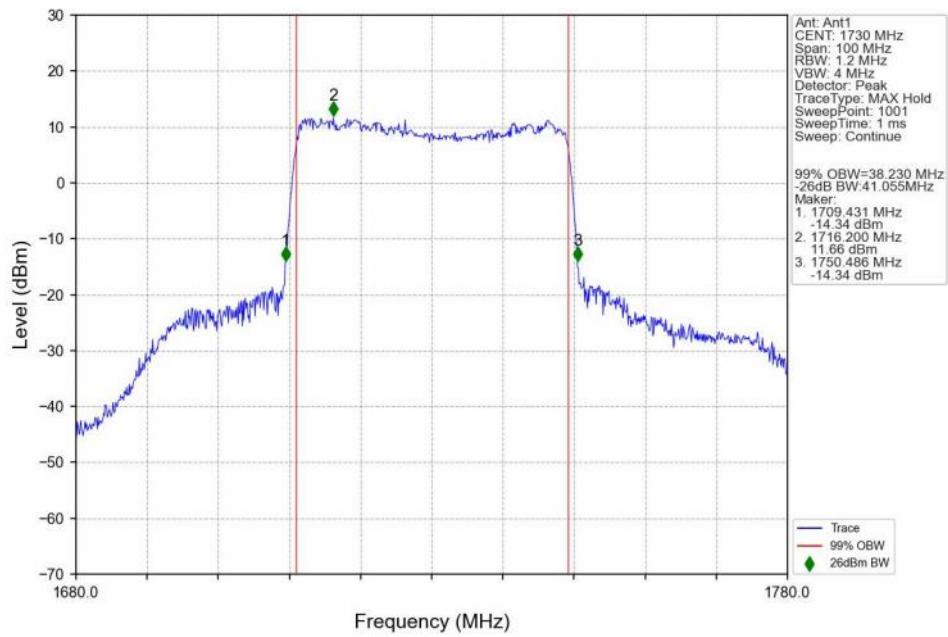
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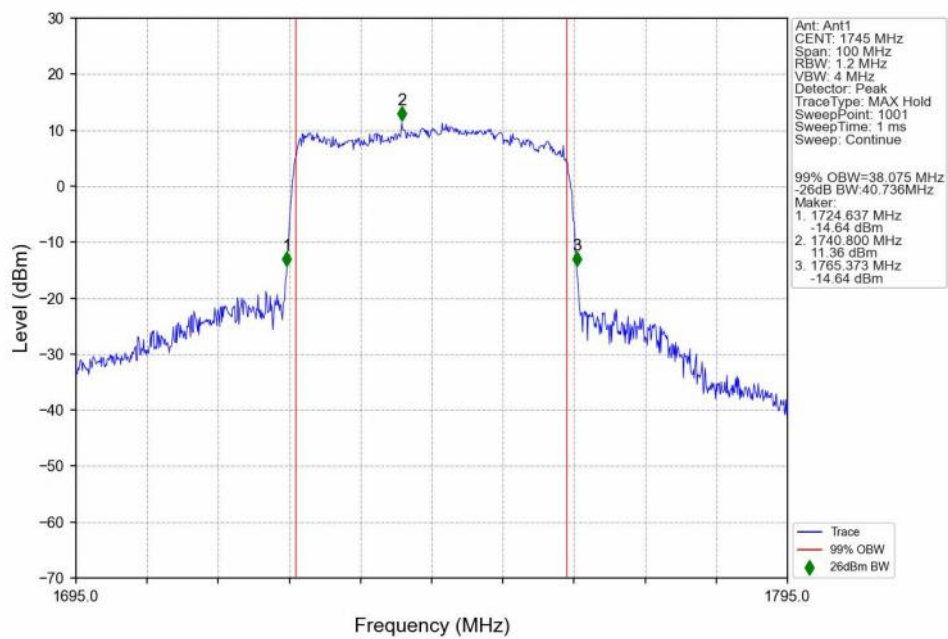
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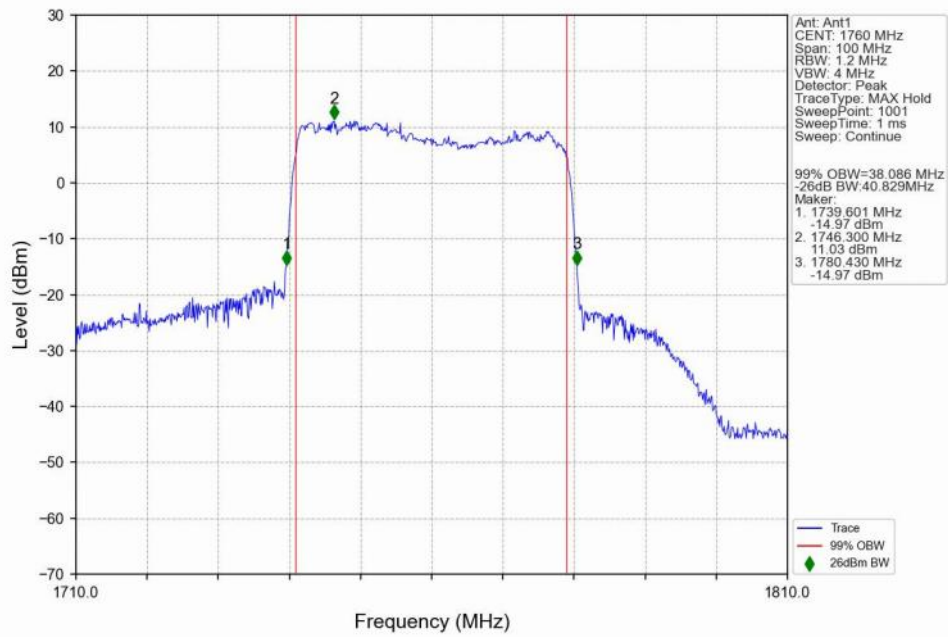
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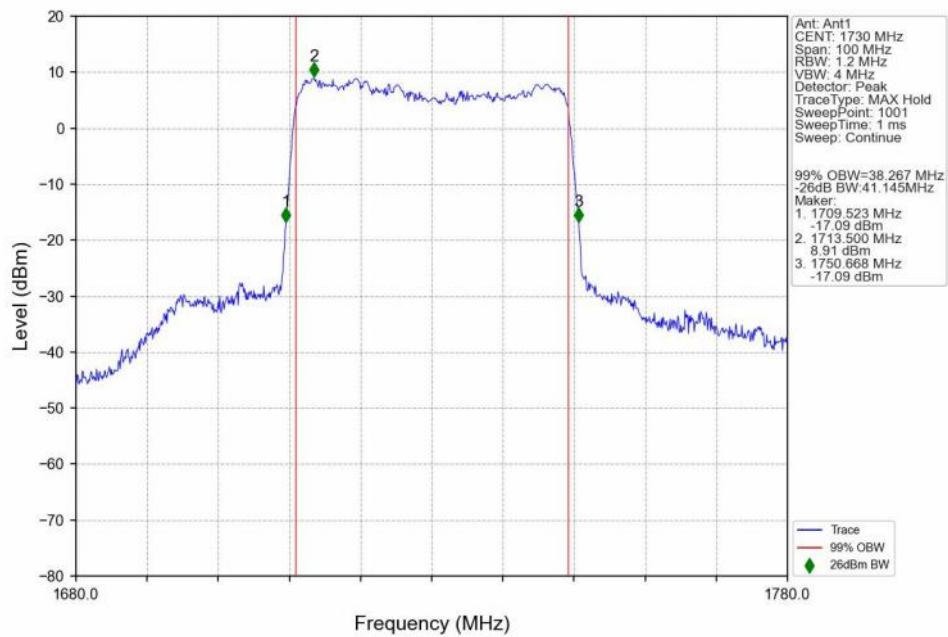
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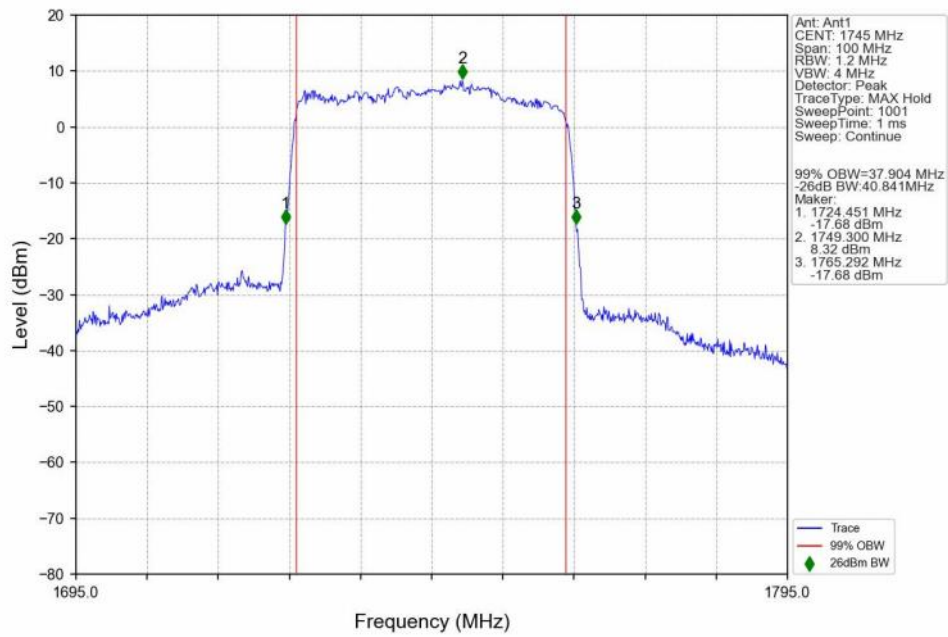
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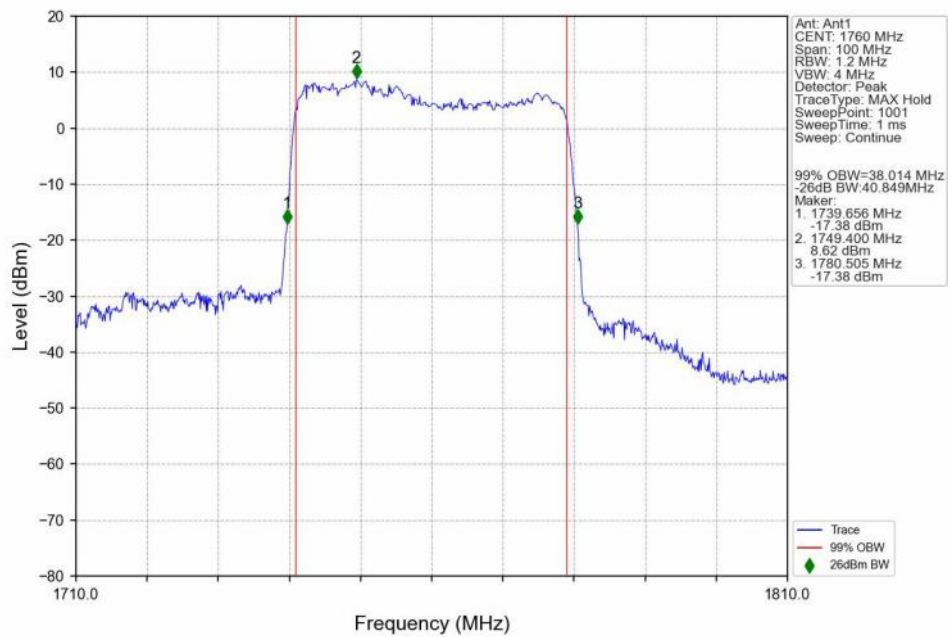
n66_30kHz_SISO_NTNV_40MHz_CP-OFDM 256 QAM_1730MHz_Outer_Full_Ant1



n66_30kHz_SISO_NTNV_40MHz_CP-OFDM_256_QAM_1745MHz_Outer_Full_Ant1

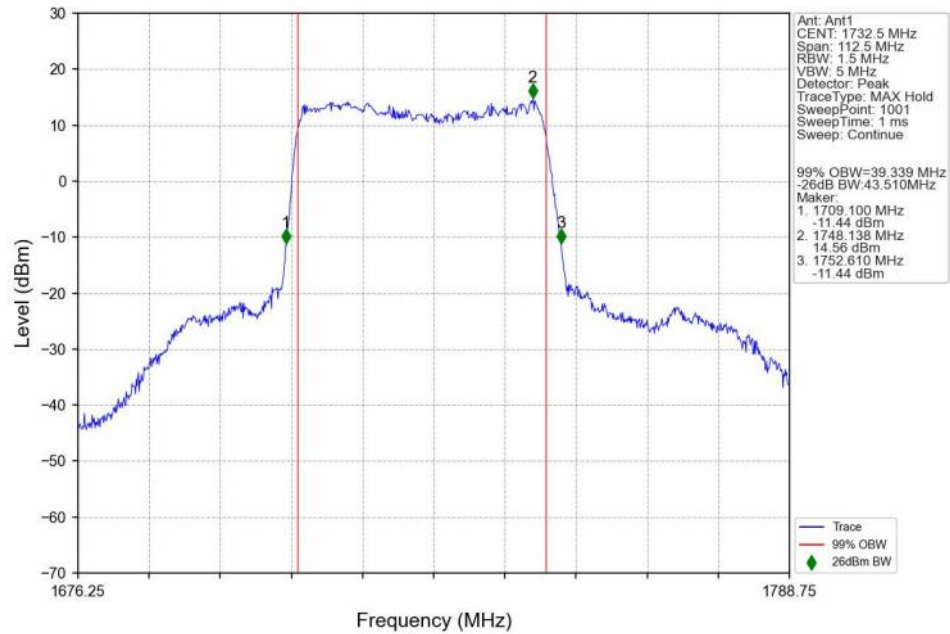


n66_30kHz_SISO_NTNV_40MHz_CP-OFDM_256_QAM_1760MHz_Outer_Full_Ant1

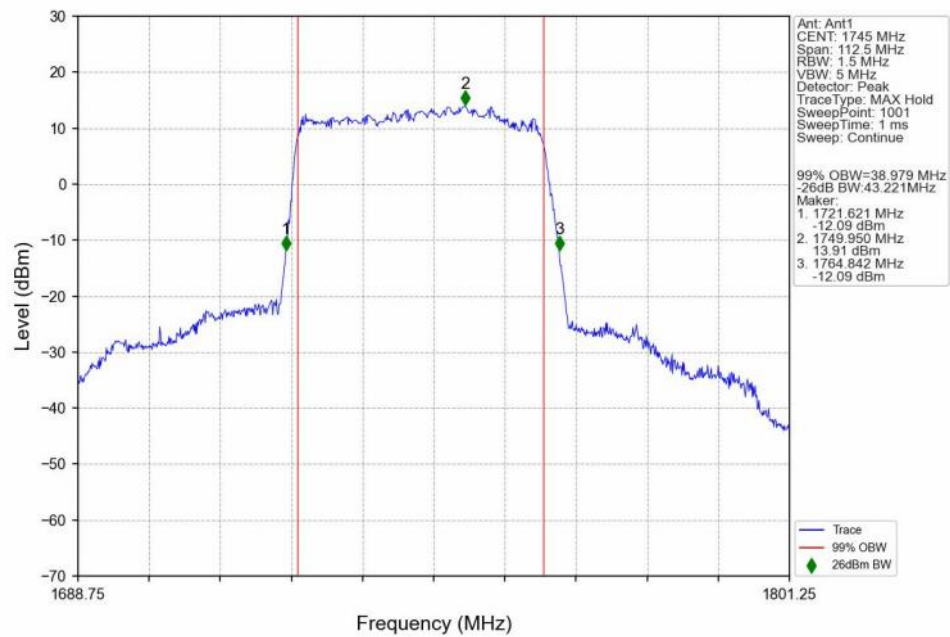


4.2.17 30k_SISO_45MHz_NTNV

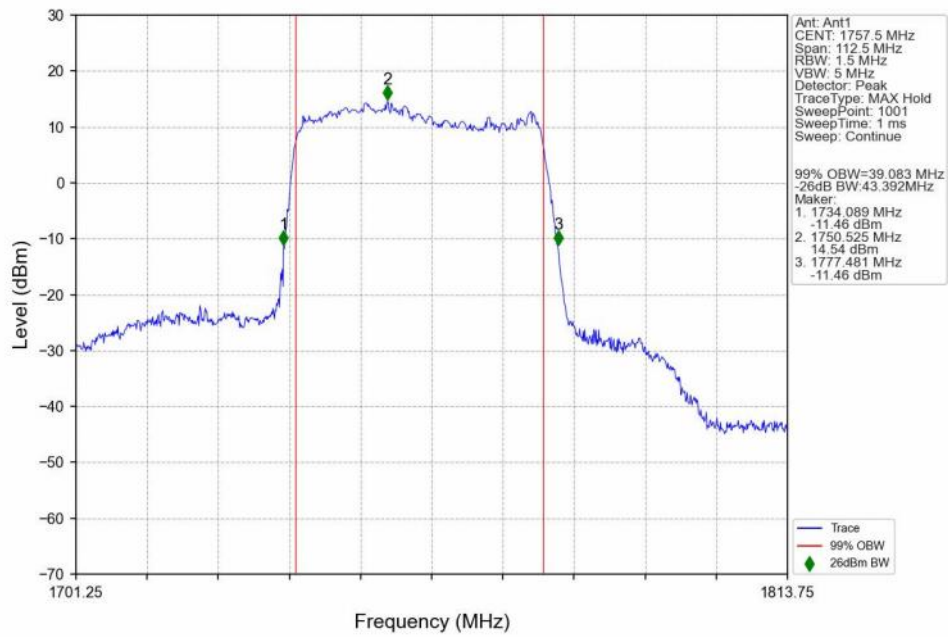
n66_30kHz_SISO_NTNV_45MHz_DFT-s-OFDM QPSK_1732.5MHz_Outer_Full_Ant1



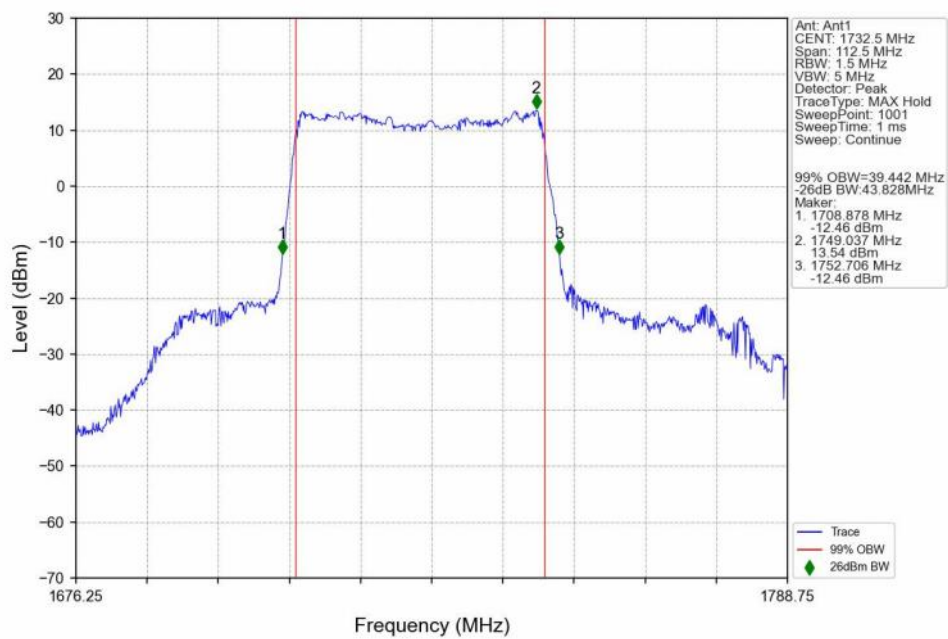
n66_30kHz_SISO_NTNV_45MHz_DFT-s-OFDM QPSK_1745MHz_Outer_Full_Ant1



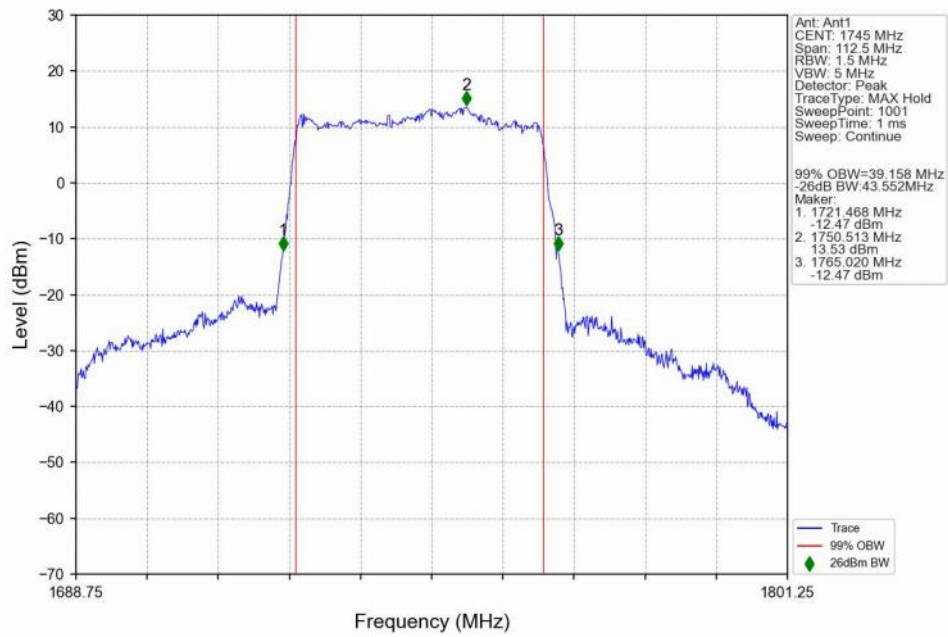
n66_30kHz_SISO_NTNV_45MHz_DFT-s-OFDM_QPSK_1757.5MHz_Outer_Full_Ant1



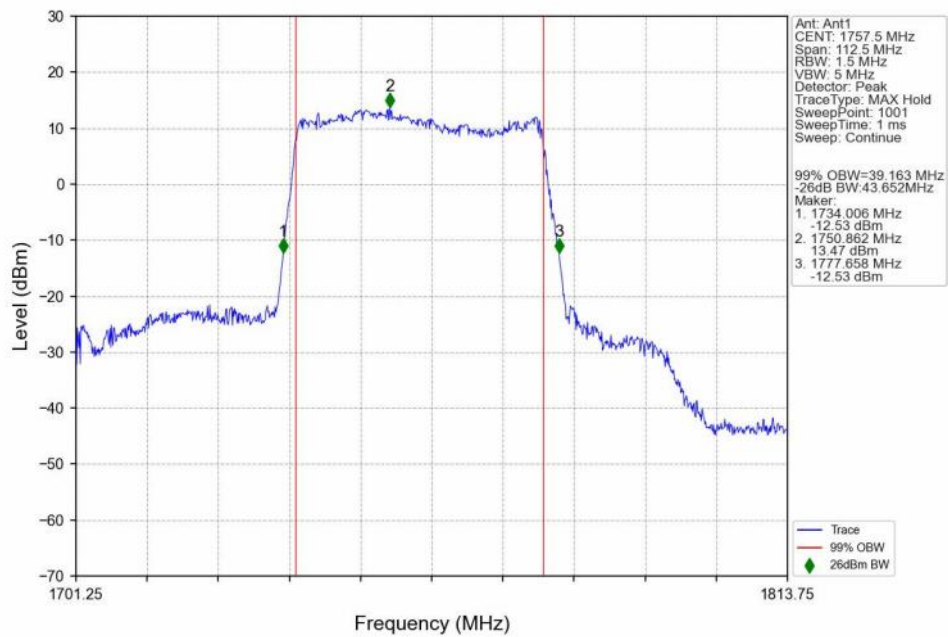
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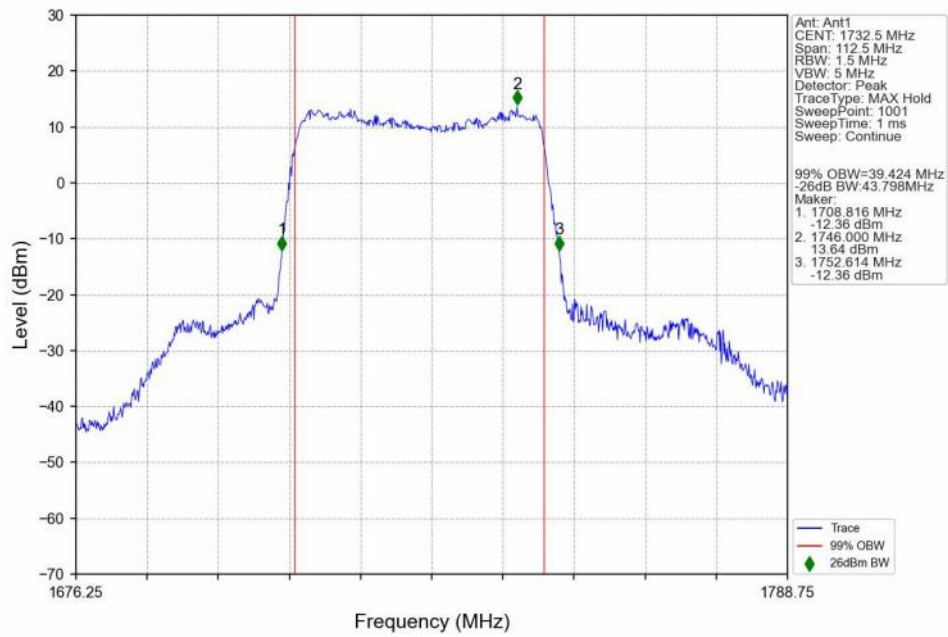
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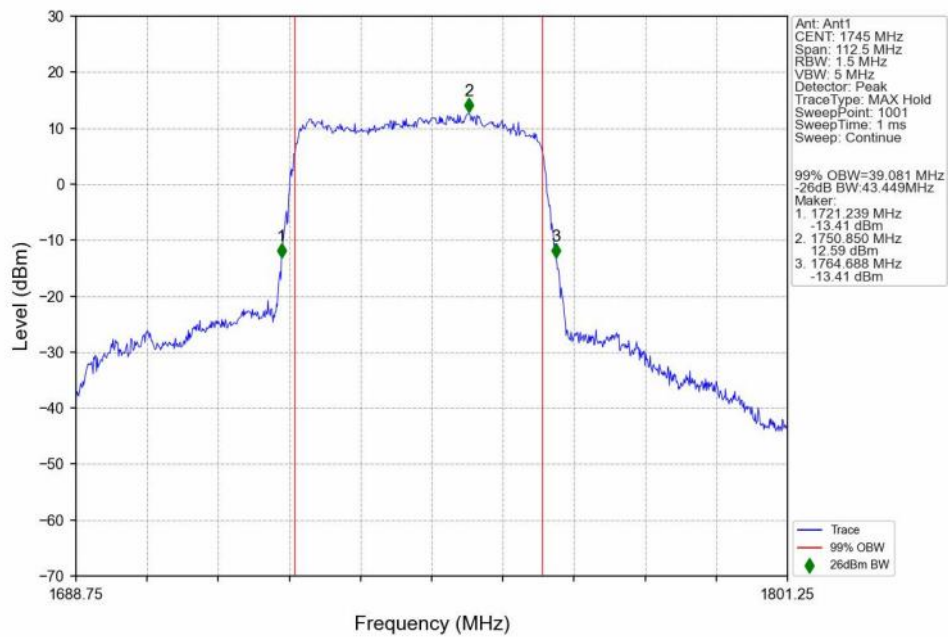
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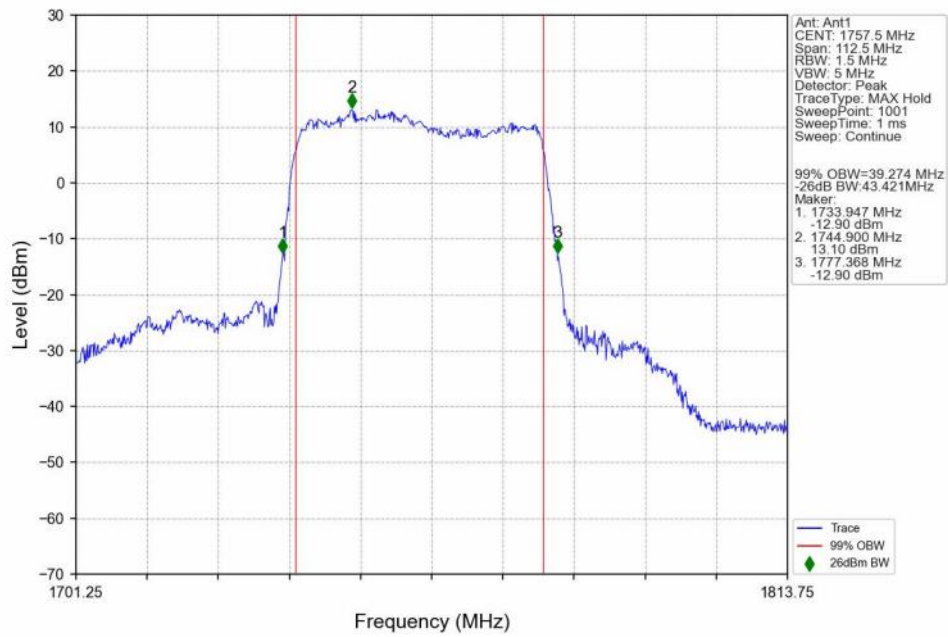
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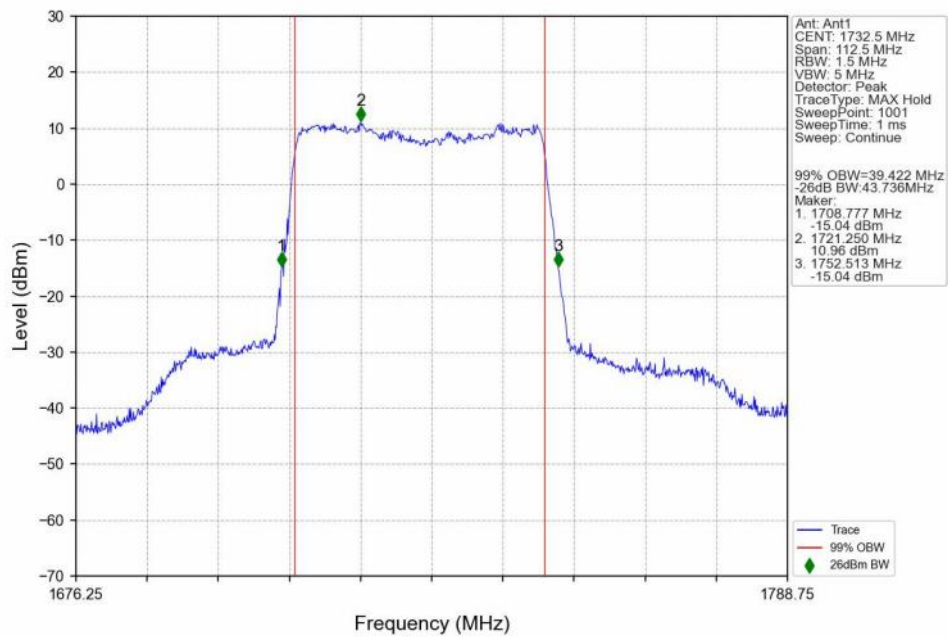
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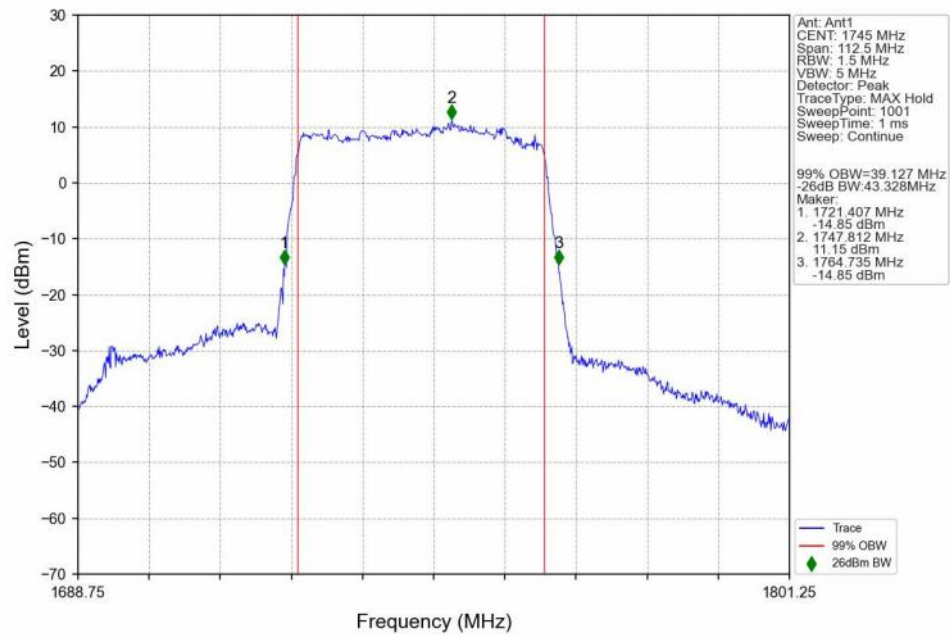
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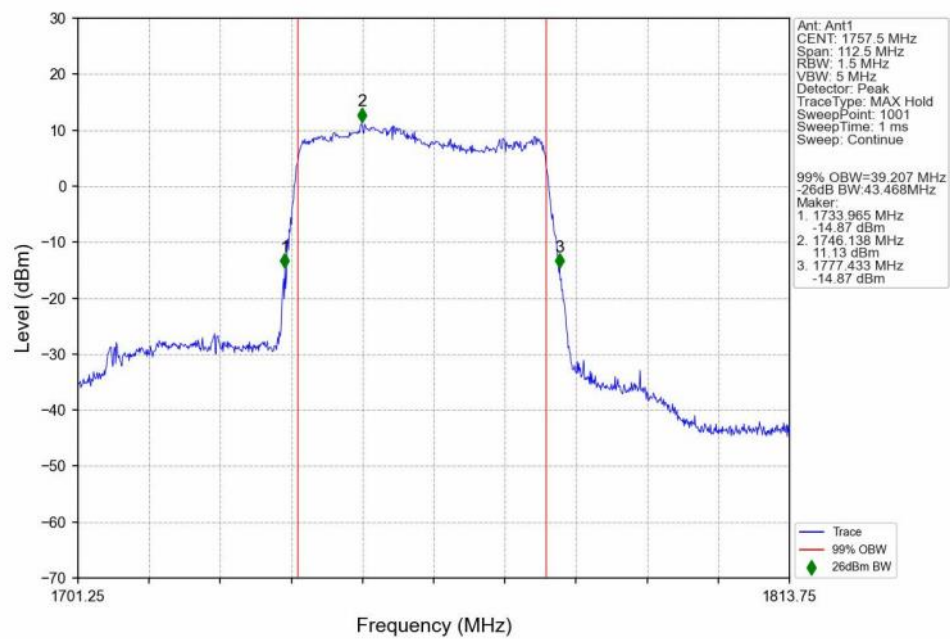
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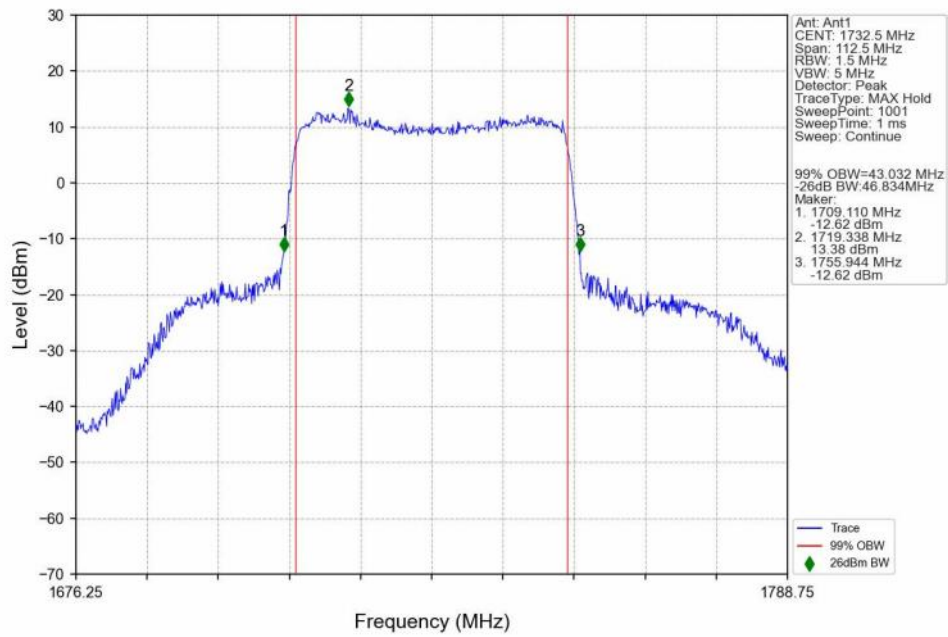
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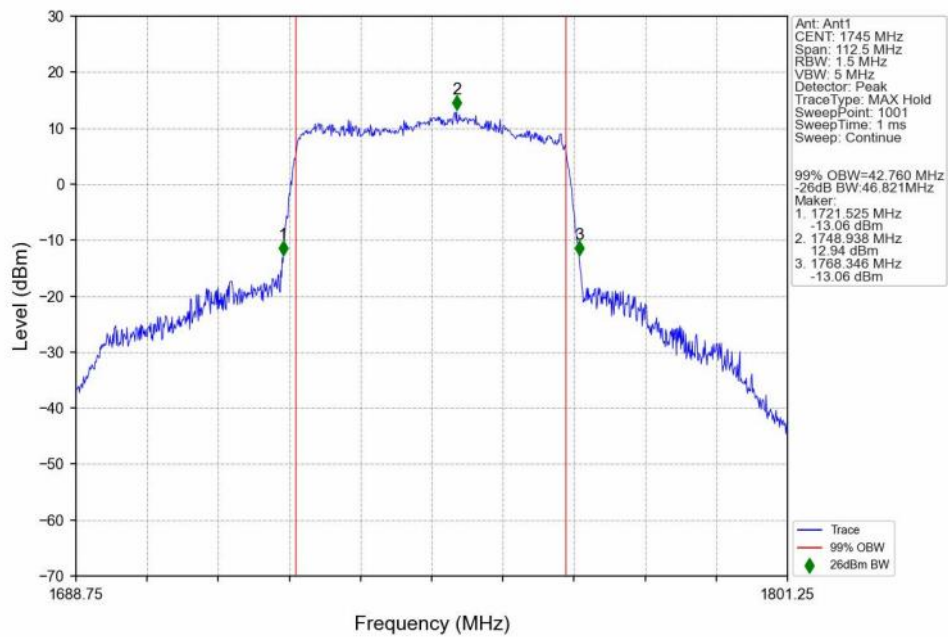
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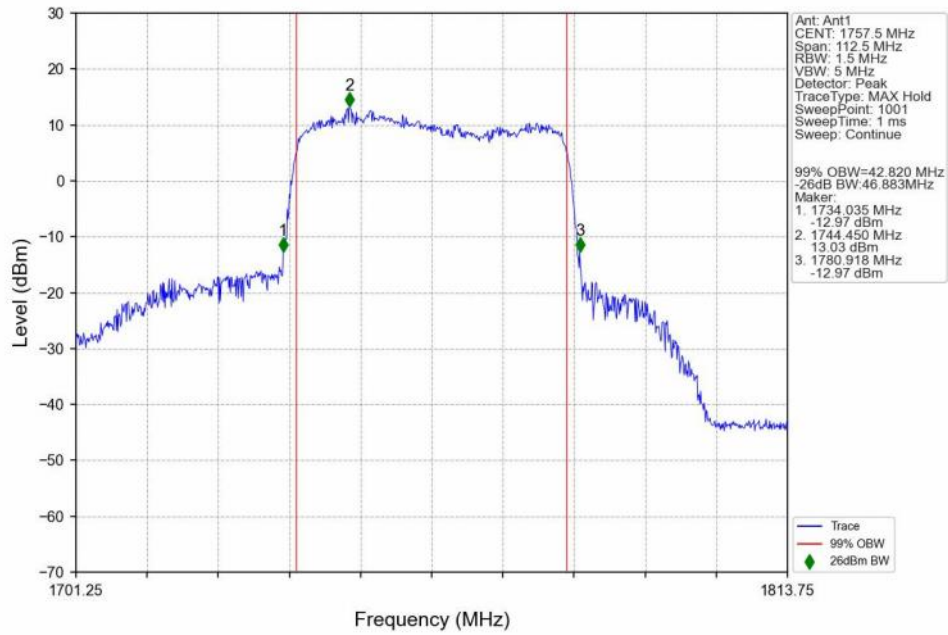
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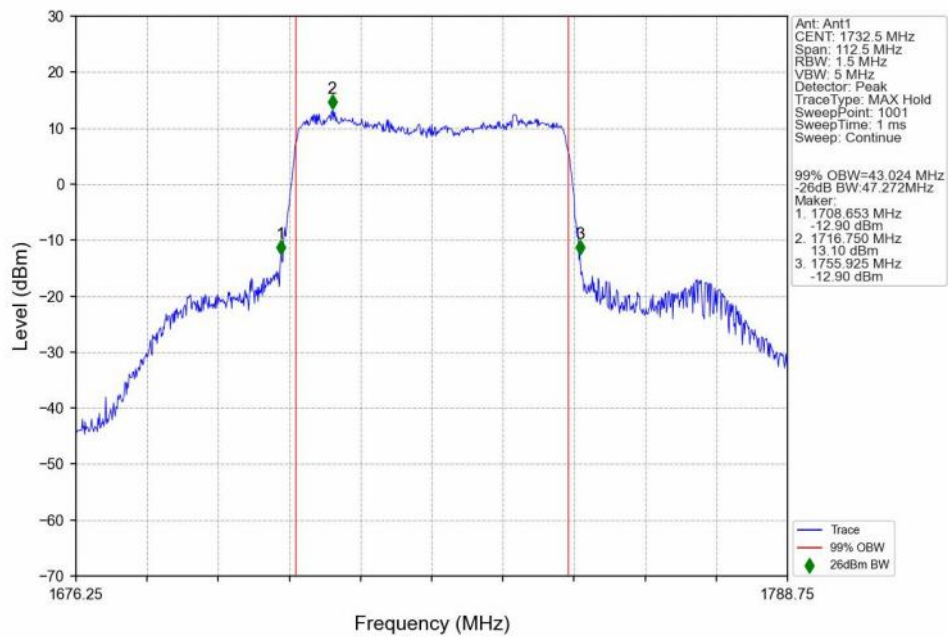
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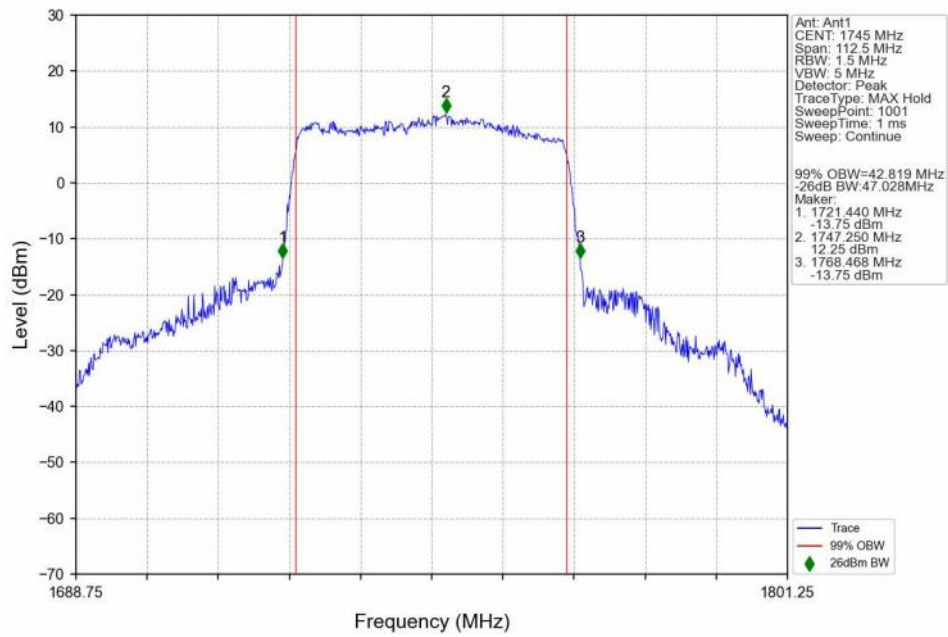
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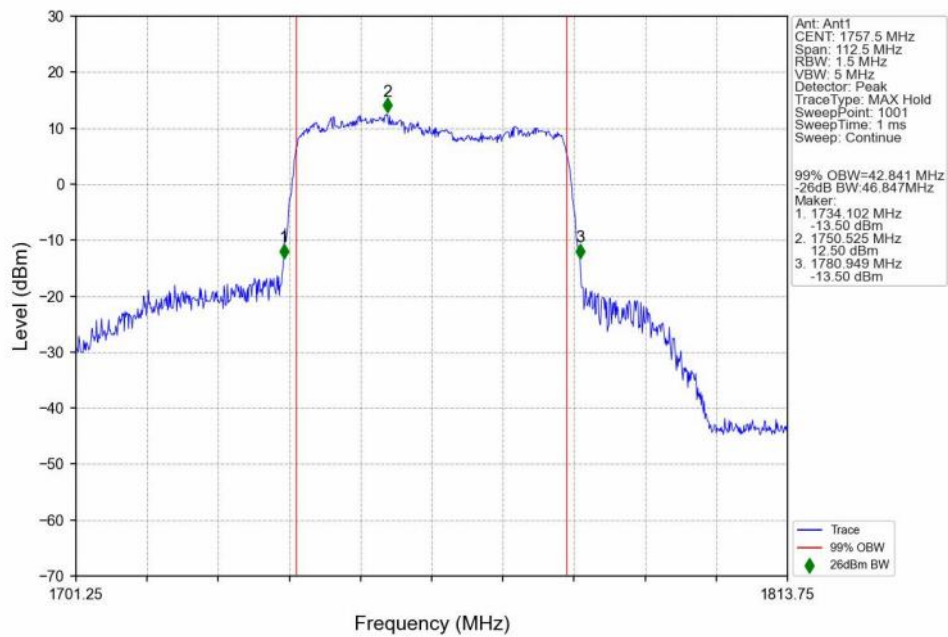
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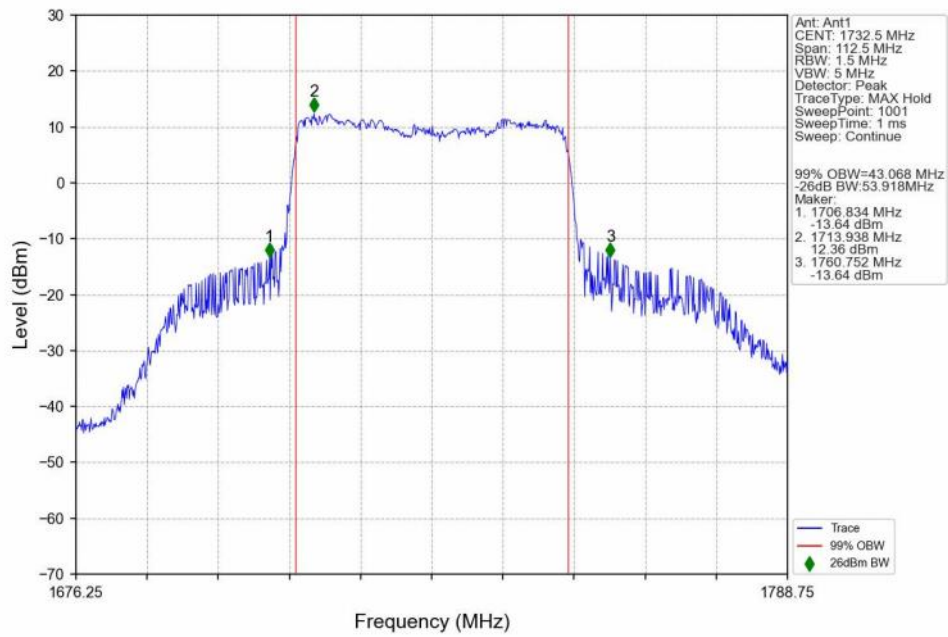
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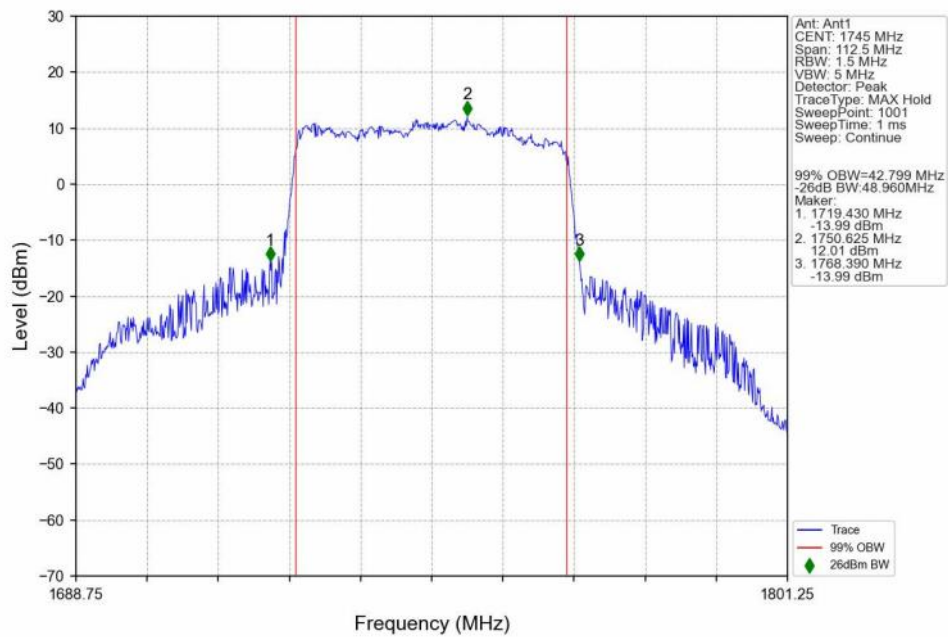
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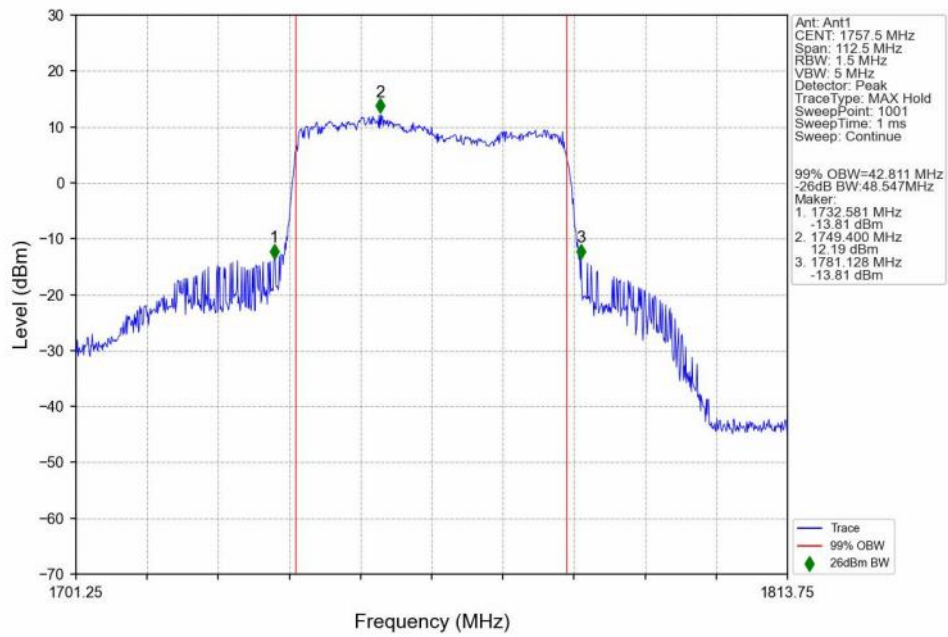
n66_30kHz_SISO_NTNV_45MHz_CP-OFDM 64 QAM_1732.5MHz_Outer_Full_Ant1



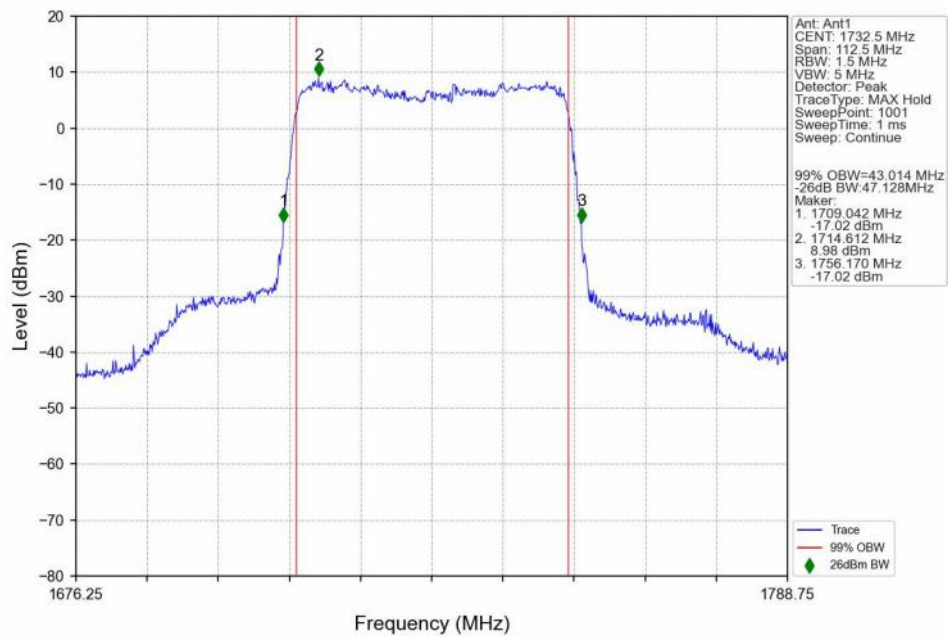
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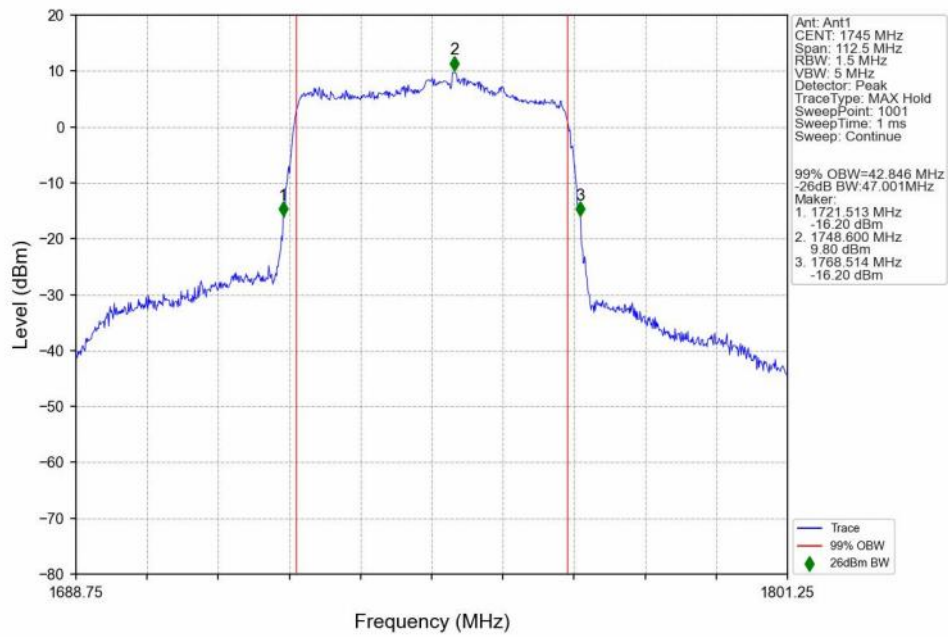
n66_30kHz_SISO_NTNV_45MHz_CP-OFDM 64 QAM 1757.5MHz_Outer_Full_Ant1



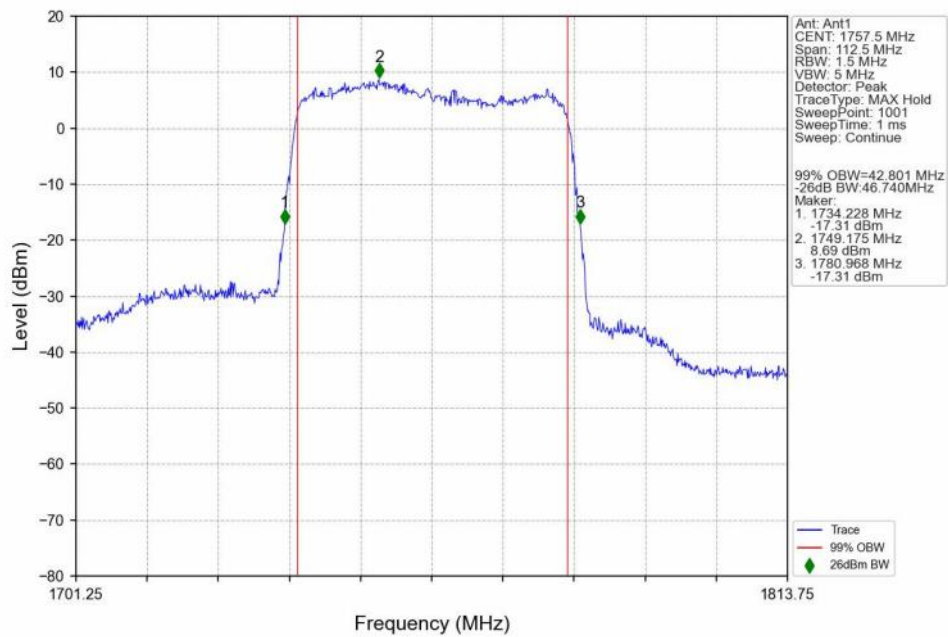
n66_30kHz_SISO_NTNV_45MHz_CP-OFDM 256 QAM 1732.5MHz_Outer_Full_Ant1



n66_30kHz_SISO_NTNV_45MHz_CP-OFDM_256_QAM_1745MHz_Outer_Full_Ant1



n66_30kHz_SISO_NTNV_45MHz_CP-OFDM_256_QAM_1757.5MHz_Outer_Full_Ant1



5. Peak-Average Ratio

5.1 Test Result

5.1.1 15k_SISO_5MHz_NTNV

5G NR n66 SCS=15kHz SISO 5MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	1712.5	Outer_Full	12.21	/	/	<=13	Pass
	1745	Outer_Full	5.11	/	/	<=13	Pass
	1777.5	Outer_Full	4.69	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	1712.5	Outer_Full	10.09	/	/	<=13	Pass
	1745	Outer_Full	5.83	/	/	<=13	Pass
	1777.5	Outer_Full	5.40	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	1712.5	Outer_Full	11.77	/	/	<=13	Pass
	1745	Outer_Full	6.11	/	/	<=13	Pass
	1777.5	Outer_Full	5.78	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	1712.5	Outer_Full	12.00	/	/	<=13	Pass
	1745	Outer_Full	6.33	/	/	<=13	Pass
	1777.5	Outer_Full	6.32	/	/	<=13	Pass
CP-OFDM QPSK	1712.5	Outer_Full	6.33	/	/	<=13	Pass
	1745	Outer_Full	7.30	/	/	<=13	Pass
	1777.5	Outer_Full	6.73	/	/	<=13	Pass
CP-OFDM 16 QAM	1712.5	Outer_Full	12.80	/	/	<=13	Pass
	1745	Outer_Full	7.39	/	/	<=13	Pass
	1777.5	Outer_Full	6.76	/	/	<=13	Pass
CP-OFDM 64 QAM	1712.5	Outer_Full	12.70	/	/	<=13	Pass
	1745	Outer_Full	7.66	/	/	<=13	Pass
	1777.5	Outer_Full	7.12	/	/	<=13	Pass
CP-OFDM 256 QAM	1712.5	Outer_Full	8.31	/	/	<=13	Pass
	1745	Outer_Full	8.45	/	/	<=13	Pass
	1777.5	Outer_Full	8.31	/	/	<=13	Pass

5.1.2 15k_SISO_10MHz_NTNV

5G NR n66 SCS=15kHz SISO 10MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	1715	Outer_Full	5.15	/	/	<=13	Pass
	1745	Outer_Full	5.22	/	/	<=13	Pass
	1775	Outer_Full	4.94	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	1715	Outer_Full	5.82	/	/	<=13	Pass
	1745	Outer_Full	5.91	/	/	<=13	Pass
	1775	Outer_Full	5.61	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	1715	Outer_Full	6.07	/	/	<=13	Pass
	1745	Outer_Full	6.12	/	/	<=13	Pass
	1775	Outer_Full	5.86	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	1715	Outer_Full	6.35	/	/	<=13	Pass
	1745	Outer_Full	6.35	/	/	<=13	Pass
	1775	Outer_Full	6.25	/	/	<=13	Pass
CP-OFDM QPSK	1715	Outer_Full	7.40	/	/	<=13	Pass
	1745	Outer_Full	7.56	/	/	<=13	Pass
	1775	Outer_Full	7.16	/	/	<=13	Pass

CP-OFDM 16 QAM	1715	Outer_Full	7.47	/	/	<=13	Pass
	1745	Outer_Full	7.63	/	/	<=13	Pass
	1775	Outer_Full	7.25	/	/	<=13	Pass
CP-OFDM 64 QAM	1715	Outer_Full	7.65	/	/	<=13	Pass
	1745	Outer_Full	7.78	/	/	<=13	Pass
	1775	Outer_Full	7.45	/	/	<=13	Pass
CP-OFDM 256 QAM	1715	Outer_Full	8.54	/	/	<=13	Pass
	1745	Outer_Full	8.56	/	/	<=13	Pass
	1775	Outer_Full	8.52	/	/	<=13	Pass

5.1.3 15k_SISO_15MHz_NTNV

5G NR n66 SCS=15kHz SISO 15MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	1717.5	Outer_Full	4.91	/	/	<=13	Pass
	1745	Outer_Full	5.06	/	/	<=13	Pass
	1772.5	Outer_Full	4.88	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	1717.5	Outer_Full	5.70	/	/	<=13	Pass
	1745	Outer_Full	5.85	/	/	<=13	Pass
	1772.5	Outer_Full	5.58	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	1717.5	Outer_Full	6.08	/	/	<=13	Pass
	1745	Outer_Full	6.20	/	/	<=13	Pass
	1772.5	Outer_Full	5.94	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	1717.5	Outer_Full	6.32	/	/	<=13	Pass
	1745	Outer_Full	6.36	/	/	<=13	Pass
	1772.5	Outer_Full	6.20	/	/	<=13	Pass
CP-OFDM QPSK	1717.5	Outer_Full	7.07	/	/	<=13	Pass
	1745	Outer_Full	7.32	/	/	<=13	Pass
	1772.5	Outer_Full	7.05	/	/	<=13	Pass
CP-OFDM 16 QAM	1717.5	Outer_Full	7.19	/	/	<=13	Pass
	1745	Outer_Full	7.37	/	/	<=13	Pass
	1772.5	Outer_Full	7.11	/	/	<=13	Pass
CP-OFDM 64 QAM	1717.5	Outer_Full	7.45	/	/	<=13	Pass
	1745	Outer_Full	7.68	/	/	<=13	Pass
	1772.5	Outer_Full	7.40	/	/	<=13	Pass
CP-OFDM 256 QAM	1717.5	Outer_Full	8.18	/	/	<=13	Pass
	1745	Outer_Full	8.14	/	/	<=13	Pass
	1772.5	Outer_Full	8.10	/	/	<=13	Pass

5.1.4 15k_SISO_20MHz_NTNV

5G NR n66 SCS=15kHz SISO 20MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	1720	Outer_Full	5.06	/	/	<=13	Pass
	1745	Outer_Full	5.11	/	/	<=13	Pass
	1770	Outer_Full	5.10	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	1720	Outer_Full	5.87	/	/	<=13	Pass
	1745	Outer_Full	5.98	/	/	<=13	Pass
	1770	Outer_Full	5.86	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	1720	Outer_Full	6.00	/	/	<=13	Pass
	1745	Outer_Full	6.11	/	/	<=13	Pass
	1770	Outer_Full	6.05	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	1720	Outer_Full	6.42	/	/	<=13	Pass
	1745	Outer_Full	6.40	/	/	<=13	Pass

CP-OFDM QPSK	1770	Outer_Full	6.39	/	/	<=13	Pass
	1720	Outer_Full	7.46	/	/	<=13	Pass
	1745	Outer_Full	7.68	/	/	<=13	Pass
	1770	Outer_Full	7.51	/	/	<=13	Pass
CP-OFDM 16 QAM	1720	Outer_Full	7.45	/	/	<=13	Pass
	1745	Outer_Full	7.64	/	/	<=13	Pass
	1770	Outer_Full	7.45	/	/	<=13	Pass
CP-OFDM 64 QAM	1720	Outer_Full	7.60	/	/	<=13	Pass
	1745	Outer_Full	7.73	/	/	<=13	Pass
	1770	Outer_Full	7.59	/	/	<=13	Pass
CP-OFDM 256 QAM	1720	Outer_Full	8.33	/	/	<=13	Pass
	1745	Outer_Full	8.32	/	/	<=13	Pass
	1770	Outer_Full	8.28	/	/	<=13	Pass

5.1.5 15k_SISO_25MHz_NTNV

5G NR n66 SCS=15kHz SISO 25MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	1722.5	Outer_Full	5.29	/	/	<=13	Pass
	1745	Outer_Full	5.16	/	/	<=13	Pass
	1767.5	Outer_Full	5.38	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	1722.5	Outer_Full	6.02	/	/	<=13	Pass
	1745	Outer_Full	5.96	/	/	<=13	Pass
	1767.5	Outer_Full	6.07	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	1722.5	Outer_Full	6.17	/	/	<=13	Pass
	1745	Outer_Full	6.17	/	/	<=13	Pass
	1767.5	Outer_Full	6.28	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	1722.5	Outer_Full	6.45	/	/	<=13	Pass
	1745	Outer_Full	6.38	/	/	<=13	Pass
	1767.5	Outer_Full	6.54	/	/	<=13	Pass
CP-OFDM QPSK	1722.5	Outer_Full	7.57	/	/	<=13	Pass
	1745	Outer_Full	7.68	/	/	<=13	Pass
	1767.5	Outer_Full	7.65	/	/	<=13	Pass
CP-OFDM 16 QAM	1722.5	Outer_Full	7.61	/	/	<=13	Pass
	1745	Outer_Full	7.69	/	/	<=13	Pass
	1767.5	Outer_Full	7.63	/	/	<=13	Pass
CP-OFDM 64 QAM	1722.5	Outer_Full	7.75	/	/	<=13	Pass
	1745	Outer_Full	7.81	/	/	<=13	Pass
	1767.5	Outer_Full	7.78	/	/	<=13	Pass
CP-OFDM 256 QAM	1722.5	Outer_Full	8.30	/	/	<=13	Pass
	1745	Outer_Full	8.32	/	/	<=13	Pass
	1767.5	Outer_Full	8.33	/	/	<=13	Pass

5.1.6 15k_SISO_30MHz_NTNV

5G NR n66 SCS=15kHz SISO 30MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	1725	Outer_Full	5.61	/	/	<=13	Pass
	1745	Outer_Full	5.38	/	/	<=13	Pass
	1765	Outer_Full	5.69	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	1725	Outer_Full	6.34	/	/	<=13	Pass
	1745	Outer_Full	6.16	/	/	<=13	Pass
	1765	Outer_Full	6.34	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	1725	Outer_Full	6.55	/	/	<=13	Pass

DFT-s-OFDM 256 QAM	1745	Outer_Full	6.37	/	/	<=13	Pass
	1765	Outer_Full	6.55	/	/	<=13	Pass
	1725	Outer_Full	6.62	/	/	<=13	Pass
	1745	Outer_Full	6.49	/	/	<=13	Pass
	1765	Outer_Full	6.73	/	/	<=13	Pass
CP-OFDM QPSK	1725	Outer_Full	7.90	/	/	<=13	Pass
	1745	Outer_Full	7.90	/	/	<=13	Pass
	1765	Outer_Full	7.79	/	/	<=13	Pass
CP-OFDM 16 QAM	1725	Outer_Full	7.91	/	/	<=13	Pass
	1745	Outer_Full	7.92	/	/	<=13	Pass
	1765	Outer_Full	7.82	/	/	<=13	Pass
CP-OFDM 64 QAM	1725	Outer_Full	8.13	/	/	<=13	Pass
	1745	Outer_Full	8.16	/	/	<=13	Pass
	1765	Outer_Full	8.02	/	/	<=13	Pass
CP-OFDM 256 QAM	1725	Outer_Full	8.37	/	/	<=13	Pass
	1745	Outer_Full	8.39	/	/	<=13	Pass
	1765	Outer_Full	8.35	/	/	<=13	Pass

5.1.7 15k_SISO_35MHz_NTNV

5G NR n66 SCS=15kHz SISO 35MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	1727.5	Outer_Full	6.20	/	/	<=13	Pass
	1745	Outer_Full	5.69	/	/	<=13	Pass
	1762.5	Outer_Full	6.24	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	1727.5	Outer_Full	6.82	/	/	<=13	Pass
	1745	Outer_Full	6.42	/	/	<=13	Pass
	1762.5	Outer_Full	6.79	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	1727.5	Outer_Full	6.84	/	/	<=13	Pass
	1745	Outer_Full	6.61	/	/	<=13	Pass
	1762.5	Outer_Full	6.90	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	1727.5	Outer_Full	7.00	/	/	<=13	Pass
	1745	Outer_Full	6.77	/	/	<=13	Pass
	1762.5	Outer_Full	6.99	/	/	<=13	Pass
CP-OFDM QPSK	1727.5	Outer_Full	8.15	/	/	<=13	Pass
	1745	Outer_Full	8.05	/	/	<=13	Pass
	1762.5	Outer_Full	8.01	/	/	<=13	Pass
CP-OFDM 16 QAM	1727.5	Outer_Full	8.25	/	/	<=13	Pass
	1745	Outer_Full	8.16	/	/	<=13	Pass
	1762.5	Outer_Full	8.13	/	/	<=13	Pass
CP-OFDM 64 QAM	1727.5	Outer_Full	8.19	/	/	<=13	Pass
	1745	Outer_Full	8.03	/	/	<=13	Pass
	1762.5	Outer_Full	8.11	/	/	<=13	Pass
CP-OFDM 256 QAM	1727.5	Outer_Full	8.45	/	/	<=13	Pass
	1745	Outer_Full	8.38	/	/	<=13	Pass
	1762.5	Outer_Full	8.41	/	/	<=13	Pass

5.1.8 15k_SISO_40MHz_NTNV

5G NR n66 SCS=15kHz SISO 40MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	1730	Outer_Full	6.45	/	/	<=13	Pass
	1745	Outer_Full	5.92	/	/	<=13	Pass
	1760	Outer_Full	6.42	/	/	<=13	Pass

DFT-s-OFDM 16 QAM	1730	Outer_Full	7.11	/	/	<=13	Pass
	1745	Outer_Full	6.75	/	/	<=13	Pass
	1760	Outer_Full	7.07	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	1730	Outer_Full	7.19	/	/	<=13	Pass
	1745	Outer_Full	6.85	/	/	<=13	Pass
	1760	Outer_Full	7.15	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	1730	Outer_Full	7.19	/	/	<=13	Pass
	1745	Outer_Full	6.88	/	/	<=13	Pass
	1760	Outer_Full	7.16	/	/	<=13	Pass
CP-OFDM QPSK	1730	Outer_Full	8.20	/	/	<=13	Pass
	1745	Outer_Full	8.13	/	/	<=13	Pass
	1760	Outer_Full	8.13	/	/	<=13	Pass
CP-OFDM 16 QAM	1730	Outer_Full	8.17	/	/	<=13	Pass
	1745	Outer_Full	8.11	/	/	<=13	Pass
	1760	Outer_Full	8.09	/	/	<=13	Pass
CP-OFDM 64 QAM	1730	Outer_Full	8.32	/	/	<=13	Pass
	1745	Outer_Full	8.23	/	/	<=13	Pass
	1760	Outer_Full	8.24	/	/	<=13	Pass
CP-OFDM 256 QAM	1730	Outer_Full	8.39	/	/	<=13	Pass
	1745	Outer_Full	8.36	/	/	<=13	Pass
	1760	Outer_Full	8.36	/	/	<=13	Pass

5.1.9 15k_SISO_45MHz_NTNV

5G NR n66 SCS=15kHz SISO 45MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	1732.5	Outer_Full	6.72	/	/	<=13	Pass
	1745	Outer_Full	6.18	/	/	<=13	Pass
	1757.5	Outer_Full	6.58	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	1732.5	Outer_Full	7.24	/	/	<=13	Pass
	1745	Outer_Full	6.89	/	/	<=13	Pass
	1757.5	Outer_Full	7.11	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	1732.5	Outer_Full	7.27	/	/	<=13	Pass
	1745	Outer_Full	6.93	/	/	<=13	Pass
	1757.5	Outer_Full	7.14	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	1732.5	Outer_Full	7.41	/	/	<=13	Pass
	1745	Outer_Full	7.09	/	/	<=13	Pass
	1757.5	Outer_Full	7.30	/	/	<=13	Pass
CP-OFDM QPSK	1732.5	Outer_Full	8.26	/	/	<=13	Pass
	1745	Outer_Full	8.13	/	/	<=13	Pass
	1757.5	Outer_Full	8.17	/	/	<=13	Pass
CP-OFDM 16 QAM	1732.5	Outer_Full	8.28	/	/	<=13	Pass
	1745	Outer_Full	8.19	/	/	<=13	Pass
	1757.5	Outer_Full	8.16	/	/	<=13	Pass
CP-OFDM 64 QAM	1732.5	Outer_Full	8.31	/	/	<=13	Pass
	1745	Outer_Full	8.25	/	/	<=13	Pass
	1757.5	Outer_Full	8.18	/	/	<=13	Pass
CP-OFDM 256 QAM	1732.5	Outer_Full	8.40	/	/	<=13	Pass
	1745	Outer_Full	8.38	/	/	<=13	Pass
	1757.5	Outer_Full	8.33	/	/	<=13	Pass

5.1.10 30k_SISO_10MHz_NTNV

5G NR n66 SCS=30kHz SISO 10MHz NTN				
Modulation	Frequency	RB	Peak-Average Ratio (dB)	Verdict

	(MHz)	Allocation	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	1715	Outer_Full	5.27	/	/	<=13	Pass
	1745	Outer_Full	5.30	/	/	<=13	Pass
	1775	Outer_Full	4.90	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	1715	Outer_Full	5.84	/	/	<=13	Pass
	1745	Outer_Full	5.94	/	/	<=13	Pass
	1775	Outer_Full	5.57	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	1715	Outer_Full	6.05	/	/	<=13	Pass
	1745	Outer_Full	6.09	/	/	<=13	Pass
	1775	Outer_Full	5.85	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	1715	Outer_Full	6.68	/	/	<=13	Pass
	1745	Outer_Full	6.65	/	/	<=13	Pass
	1775	Outer_Full	6.48	/	/	<=13	Pass
CP-OFDM QPSK	1715	Outer_Full	7.39	/	/	<=13	Pass
	1745	Outer_Full	7.50	/	/	<=13	Pass
	1775	Outer_Full	7.08	/	/	<=13	Pass
CP-OFDM 16 QAM	1715	Outer_Full	7.43	/	/	<=13	Pass
	1745	Outer_Full	7.58	/	/	<=13	Pass
	1775	Outer_Full	7.17	/	/	<=13	Pass
CP-OFDM 64 QAM	1715	Outer_Full	7.57	/	/	<=13	Pass
	1745	Outer_Full	7.62	/	/	<=13	Pass
	1775	Outer_Full	7.26	/	/	<=13	Pass
CP-OFDM 256 QAM	1715	Outer_Full	8.20	/	/	<=13	Pass
	1745	Outer_Full	8.23	/	/	<=13	Pass
	1775	Outer_Full	8.14	/	/	<=13	Pass

5.1.11 30k_SISO_15MHz_NTNV

5G NR n66 SCS=30kHz SISO 15MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	1717.5	Outer_Full	4.96	/	/	<=13	Pass
	1745	Outer_Full	5.06	/	/	<=13	Pass
	1772.5	Outer_Full	4.85	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	1717.5	Outer_Full	5.68	/	/	<=13	Pass
	1745	Outer_Full	5.87	/	/	<=13	Pass
	1772.5	Outer_Full	5.65	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	1717.5	Outer_Full	6.10	/	/	<=13	Pass
	1745	Outer_Full	6.23	/	/	<=13	Pass
	1772.5	Outer_Full	5.92	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	1717.5	Outer_Full	6.24	/	/	<=13	Pass
	1745	Outer_Full	6.22	/	/	<=13	Pass
	1772.5	Outer_Full	6.23	/	/	<=13	Pass
CP-OFDM QPSK	1717.5	Outer_Full	7.26	/	/	<=13	Pass
	1745	Outer_Full	7.53	/	/	<=13	Pass
	1772.5	Outer_Full	7.23	/	/	<=13	Pass
CP-OFDM 16 QAM	1717.5	Outer_Full	7.22	/	/	<=13	Pass
	1745	Outer_Full	7.49	/	/	<=13	Pass
	1772.5	Outer_Full	7.17	/	/	<=13	Pass
CP-OFDM 64 QAM	1717.5	Outer_Full	7.53	/	/	<=13	Pass
	1745	Outer_Full	7.70	/	/	<=13	Pass
	1772.5	Outer_Full	7.49	/	/	<=13	Pass
CP-OFDM 256 QAM	1717.5	Outer_Full	8.31	/	/	<=13	Pass
	1745	Outer_Full	8.42	/	/	<=13	Pass
	1772.5	Outer_Full	8.39	/	/	<=13	Pass

5.1.12 30k_SISO_20MHz_NTNV

5G NR n66 SCS=30kHz SISO 20MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	1720	Outer_Full	5.19	/	/	<=13	Pass
	1745	Outer_Full	5.22	/	/	<=13	Pass
	1770	Outer_Full	5.21	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	1720	Outer_Full	5.87	/	/	<=13	Pass
	1745	Outer_Full	5.92	/	/	<=13	Pass
	1770	Outer_Full	5.83	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	1720	Outer_Full	6.14	/	/	<=13	Pass
	1745	Outer_Full	6.21	/	/	<=13	Pass
	1770	Outer_Full	6.08	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	1720	Outer_Full	6.40	/	/	<=13	Pass
	1745	Outer_Full	6.36	/	/	<=13	Pass
	1770	Outer_Full	6.47	/	/	<=13	Pass
CP-OFDM QPSK	1720	Outer_Full	7.55	/	/	<=13	Pass
	1745	Outer_Full	7.79	/	/	<=13	Pass
	1770	Outer_Full	7.60	/	/	<=13	Pass
CP-OFDM 16 QAM	1720	Outer_Full	7.51	/	/	<=13	Pass
	1745	Outer_Full	7.68	/	/	<=13	Pass
	1770	Outer_Full	7.55	/	/	<=13	Pass
CP-OFDM 64 QAM	1720	Outer_Full	7.69	/	/	<=13	Pass
	1745	Outer_Full	7.86	/	/	<=13	Pass
	1770	Outer_Full	7.71	/	/	<=13	Pass
CP-OFDM 256 QAM	1720	Outer_Full	8.40	/	/	<=13	Pass
	1745	Outer_Full	8.29	/	/	<=13	Pass
	1770	Outer_Full	8.28	/	/	<=13	Pass

5.1.13 30k_SISO_25MHz_NTNV

5G NR n66 SCS=30kHz SISO 25MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	1722.5	Outer_Full	5.33	/	/	<=13	Pass
	1745	Outer_Full	5.22	/	/	<=13	Pass
	1767.5	Outer_Full	5.40	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	1722.5	Outer_Full	6.03	/	/	<=13	Pass
	1745	Outer_Full	5.96	/	/	<=13	Pass
	1767.5	Outer_Full	6.07	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	1722.5	Outer_Full	6.19	/	/	<=13	Pass
	1745	Outer_Full	6.17	/	/	<=13	Pass
	1767.5	Outer_Full	6.23	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	1722.5	Outer_Full	6.46	/	/	<=13	Pass
	1745	Outer_Full	6.40	/	/	<=13	Pass
	1767.5	Outer_Full	6.58	/	/	<=13	Pass
CP-OFDM QPSK	1722.5	Outer_Full	7.66	/	/	<=13	Pass
	1745	Outer_Full	7.78	/	/	<=13	Pass
	1767.5	Outer_Full	7.67	/	/	<=13	Pass
CP-OFDM 16 QAM	1722.5	Outer_Full	7.79	/	/	<=13	Pass
	1745	Outer_Full	7.92	/	/	<=13	Pass
	1767.5	Outer_Full	7.78	/	/	<=13	Pass
CP-OFDM 64 QAM	1722.5	Outer_Full	7.85	/	/	<=13	Pass
	1745	Outer_Full	8.00	/	/	<=13	Pass
	1767.5	Outer_Full	7.91	/	/	<=13	Pass
CP-OFDM 256 QAM	1722.5	Outer_Full	8.53	/	/	<=13	Pass

	1745	Outer_Full	8.30	/	/	<=13	Pass
	1767.5	Outer_Full	8.33	/	/	<=13	Pass

5.1.14 30k_SISO_30MHz_NTNV

5G NR n66 SCS=30kHz SISO 30MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	1725	Outer_Full	5.43	/	/	<=13	Pass
	1745	Outer_Full	5.24	/	/	<=13	Pass
	1765	Outer_Full	5.57	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	1725	Outer_Full	6.10	/	/	<=13	Pass
	1745	Outer_Full	6.00	/	/	<=13	Pass
	1765	Outer_Full	6.09	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	1725	Outer_Full	6.38	/	/	<=13	Pass
	1745	Outer_Full	6.29	/	/	<=13	Pass
	1765	Outer_Full	6.47	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	1725	Outer_Full	6.56	/	/	<=13	Pass
	1745	Outer_Full	6.39	/	/	<=13	Pass
	1765	Outer_Full	6.64	/	/	<=13	Pass
CP-OFDM QPSK	1725	Outer_Full	7.97	/	/	<=13	Pass
	1745	Outer_Full	8.01	/	/	<=13	Pass
	1765	Outer_Full	7.87	/	/	<=13	Pass
CP-OFDM 16 QAM	1725	Outer_Full	7.90	/	/	<=13	Pass
	1745	Outer_Full	7.94	/	/	<=13	Pass
	1765	Outer_Full	7.78	/	/	<=13	Pass
CP-OFDM 64 QAM	1725	Outer_Full	8.08	/	/	<=13	Pass
	1745	Outer_Full	8.09	/	/	<=13	Pass
	1765	Outer_Full	7.96	/	/	<=13	Pass
CP-OFDM 256 QAM	1725	Outer_Full	8.37	/	/	<=13	Pass
	1745	Outer_Full	8.28	/	/	<=13	Pass
	1765	Outer_Full	8.26	/	/	<=13	Pass

5.1.15 30k_SISO_35MHz_NTNV

5G NR n66 SCS=30kHz SISO 35MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	1727.5	Outer_Full	6.17	/	/	<=13	Pass
	1745	Outer_Full	5.68	/	/	<=13	Pass
	1762.5	Outer_Full	6.21	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	1727.5	Outer_Full	6.76	/	/	<=13	Pass
	1745	Outer_Full	6.49	/	/	<=13	Pass
	1762.5	Outer_Full	6.74	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	1727.5	Outer_Full	6.86	/	/	<=13	Pass
	1745	Outer_Full	6.60	/	/	<=13	Pass
	1762.5	Outer_Full	6.92	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	1727.5	Outer_Full	6.99	/	/	<=13	Pass
	1745	Outer_Full	6.74	/	/	<=13	Pass
	1762.5	Outer_Full	7.01	/	/	<=13	Pass
CP-OFDM QPSK	1727.5	Outer_Full	8.05	/	/	<=13	Pass
	1745	Outer_Full	8.06	/	/	<=13	Pass
	1762.5	Outer_Full	7.99	/	/	<=13	Pass
CP-OFDM 16 QAM	1727.5	Outer_Full	8.17	/	/	<=13	Pass
	1745	Outer_Full	8.15	/	/	<=13	Pass
	1762.5	Outer_Full	8.15	/	/	<=13	Pass

CP-OFDM 64 QAM	1727.5	Outer_Full	8.19	/	/	<=13	Pass
	1745	Outer_Full	8.23	/	/	<=13	Pass
	1762.5	Outer_Full	8.16	/	/	<=13	Pass
CP-OFDM 256 QAM	1727.5	Outer_Full	8.39	/	/	<=13	Pass
	1745	Outer_Full	8.22	/	/	<=13	Pass
	1762.5	Outer_Full	8.35	/	/	<=13	Pass

5.1.16 30k_SISO_40MHz_NTNV

5G NR n66 SCS=30kHz SISO 40MHz NTV							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	1730	Outer_Full	6.41	/	/	<=13	Pass
	1745	Outer_Full	5.84	/	/	<=13	Pass
	1760	Outer_Full	6.36	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	1730	Outer_Full	6.95	/	/	<=13	Pass
	1745	Outer_Full	6.60	/	/	<=13	Pass
	1760	Outer_Full	6.92	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	1730	Outer_Full	7.09	/	/	<=13	Pass
	1745	Outer_Full	6.77	/	/	<=13	Pass
	1760	Outer_Full	7.05	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	1730	Outer_Full	7.14	/	/	<=13	Pass
	1745	Outer_Full	6.80	/	/	<=13	Pass
	1760	Outer_Full	7.16	/	/	<=13	Pass
CP-OFDM QPSK	1730	Outer_Full	8.23	/	/	<=13	Pass
	1745	Outer_Full	8.14	/	/	<=13	Pass
	1760	Outer_Full	8.13	/	/	<=13	Pass
CP-OFDM 16 QAM	1730	Outer_Full	8.15	/	/	<=13	Pass
	1745	Outer_Full	8.10	/	/	<=13	Pass
	1760	Outer_Full	8.05	/	/	<=13	Pass
CP-OFDM 64 QAM	1730	Outer_Full	8.30	/	/	<=13	Pass
	1745	Outer_Full	8.25	/	/	<=13	Pass
	1760	Outer_Full	8.24	/	/	<=13	Pass
CP-OFDM 256 QAM	1730	Outer_Full	8.37	/	/	<=13	Pass
	1745	Outer_Full	8.37	/	/	<=13	Pass
	1760	Outer_Full	8.32	/	/	<=13	Pass

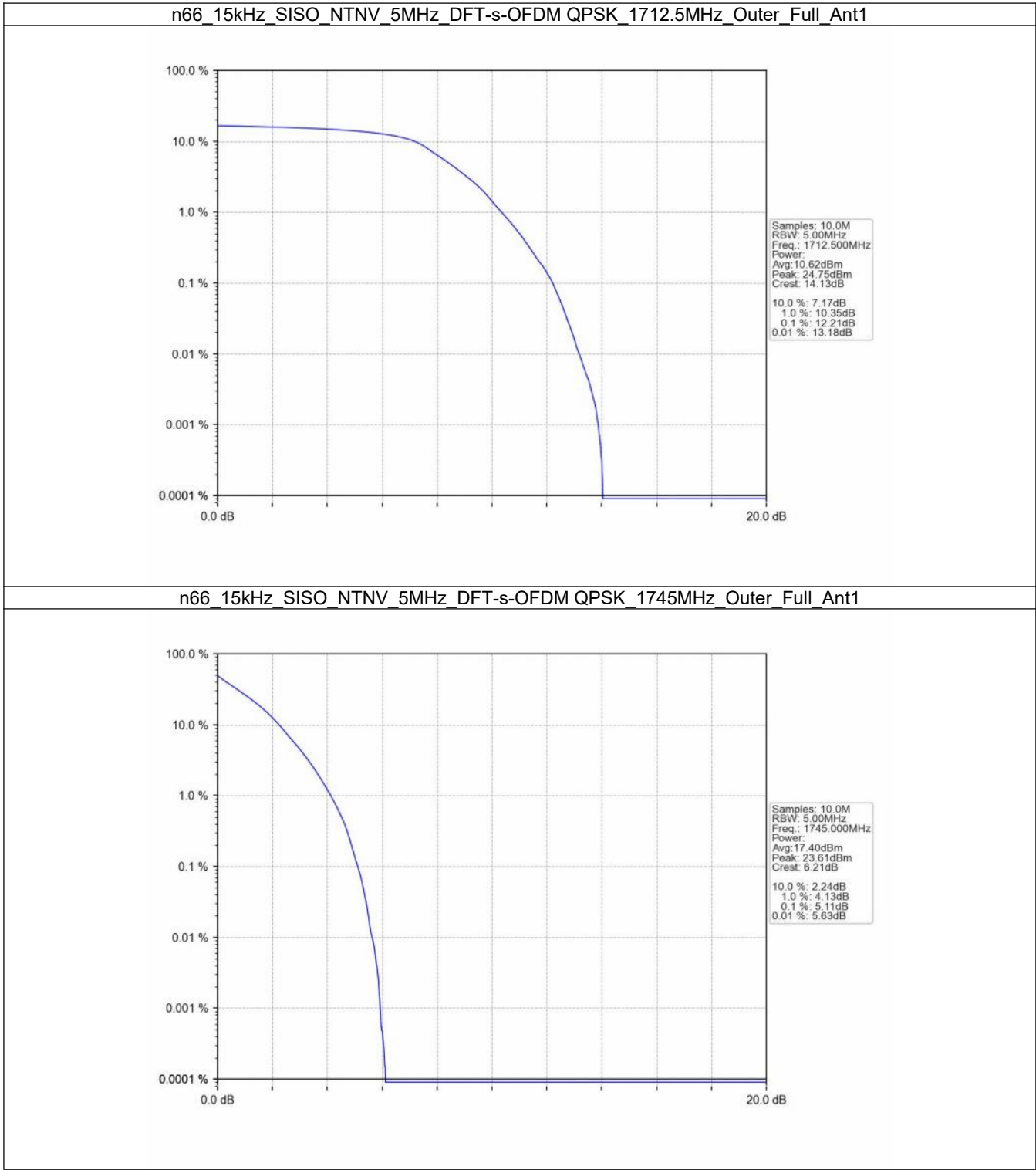
5.1.17 30k_SISO_45MHz_NTNV

5G NR n66 SCS=30kHz SISO 45MHz NTV							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	1732.5	Outer_Full	6.55	/	/	<=13	Pass
	1745	Outer_Full	5.94	/	/	<=13	Pass
	1757.5	Outer_Full	6.36	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	1732.5	Outer_Full	7.04	/	/	<=13	Pass
	1745	Outer_Full	6.64	/	/	<=13	Pass
	1757.5	Outer_Full	6.98	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	1732.5	Outer_Full	7.16	/	/	<=13	Pass
	1745	Outer_Full	6.78	/	/	<=13	Pass
	1757.5	Outer_Full	7.02	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	1732.5	Outer_Full	7.17	/	/	<=13	Pass
	1745	Outer_Full	6.85	/	/	<=13	Pass
	1757.5	Outer_Full	7.10	/	/	<=13	Pass
CP-OFDM QPSK	1732.5	Outer_Full	8.33	/	/	<=13	Pass
	1745	Outer_Full	8.17	/	/	<=13	Pass

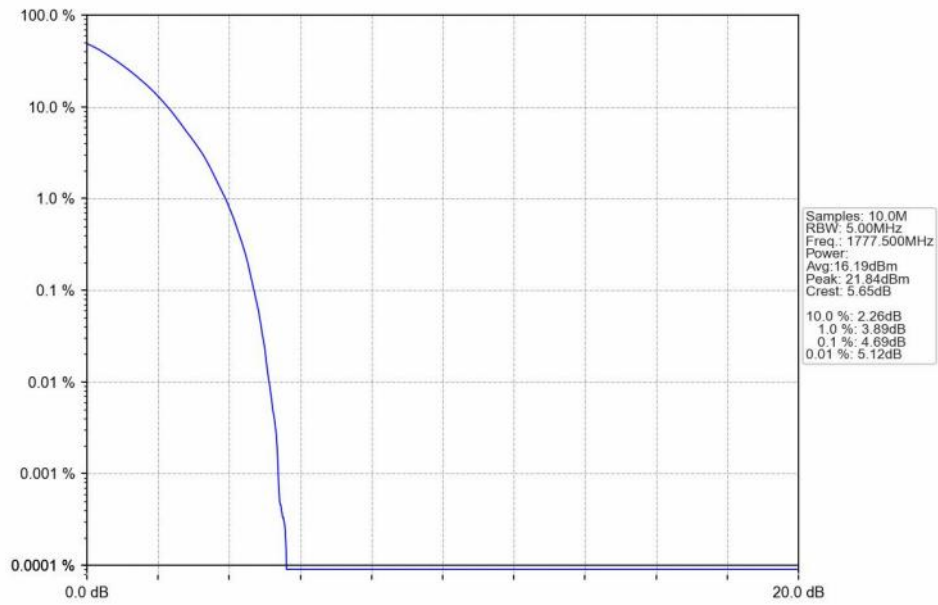
	1757.5	Outer_Full	8.20	/	/	<=13	Pass
CP-OFDM 16 QAM	1732.5	Outer_Full	8.38	/	/	<=13	Pass
	1745	Outer_Full	8.23	/	/	<=13	Pass
	1757.5	Outer_Full	8.25	/	/	<=13	Pass
	1732.5	Outer_Full	8.33	/	/	<=13	Pass
CP-OFDM 64 QAM	1745	Outer_Full	8.18	/	/	<=13	Pass
	1757.5	Outer_Full	8.25	/	/	<=13	Pass
	1732.5	Outer_Full	8.49	/	/	<=13	Pass
CP-OFDM 256 QAM	1745	Outer_Full	8.38	/	/	<=13	Pass
	1757.5	Outer_Full	8.38	/	/	<=13	Pass

5.2 Test Graph

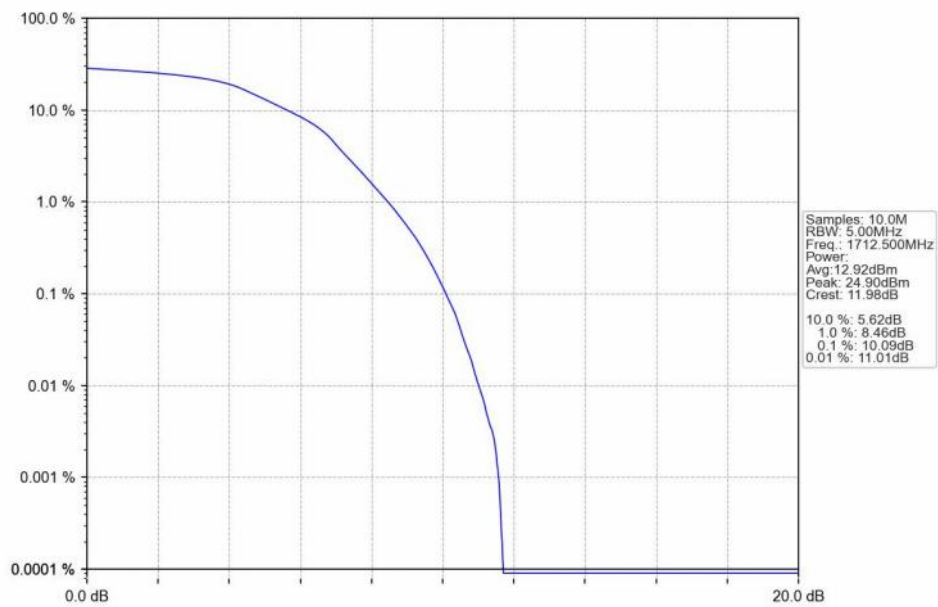
5.2.1 15k_SISO_5MHz_NTNV



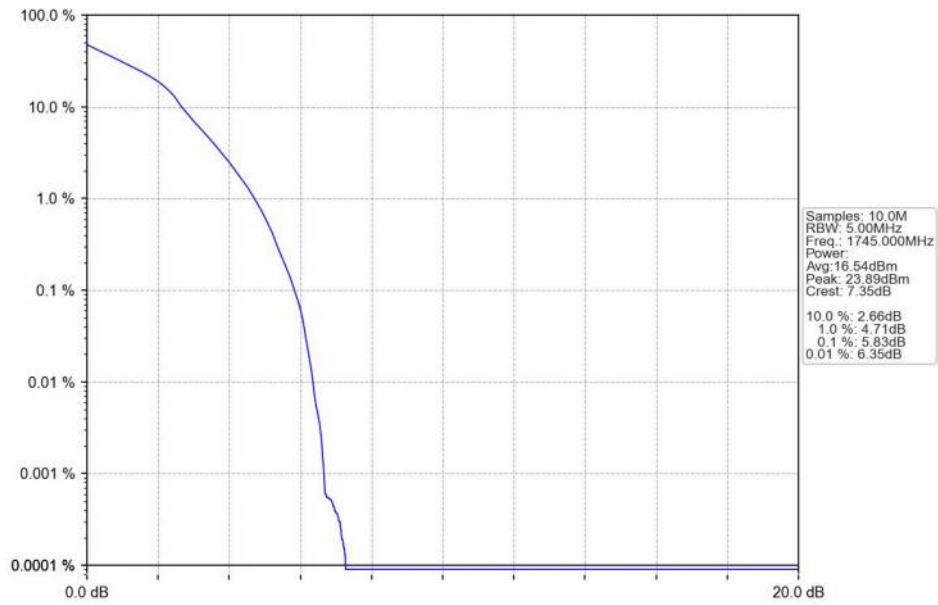
n66_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_1777.5MHz_Outer_Full_Ant1



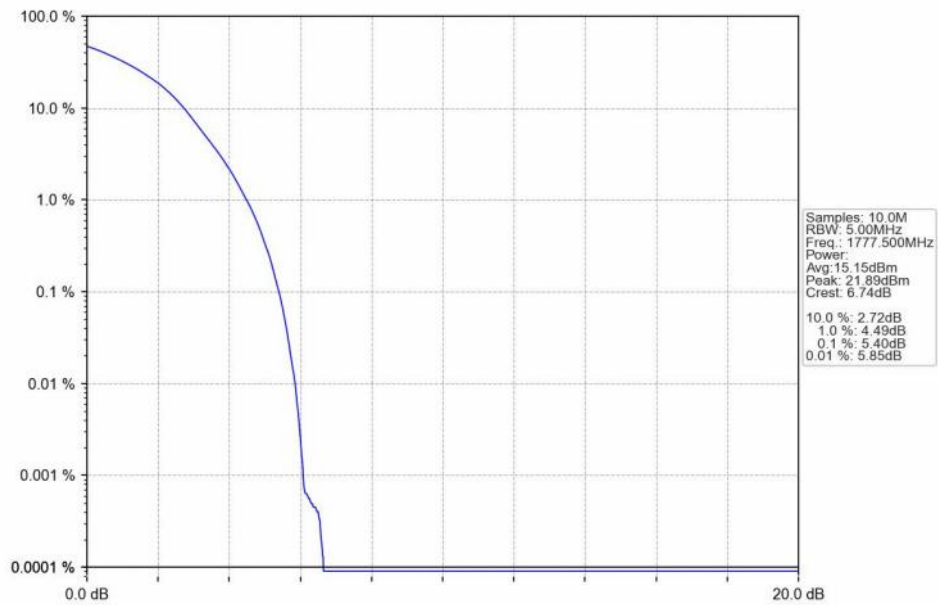
n66_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM 16 QAM_1712.5MHz_Outer_Full_Ant1



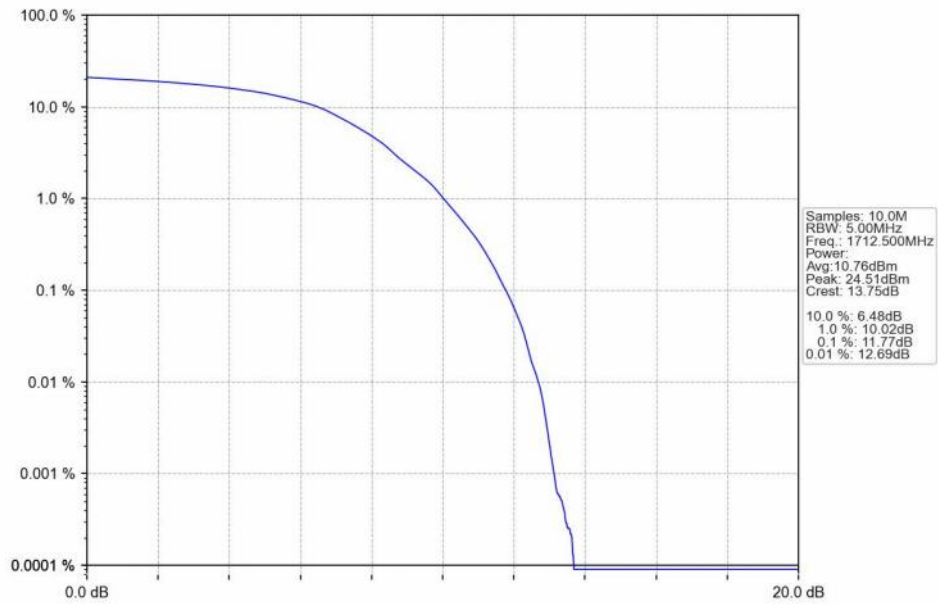
n66_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM 16 QAM_1745MHz_Outer_Full_Ant1



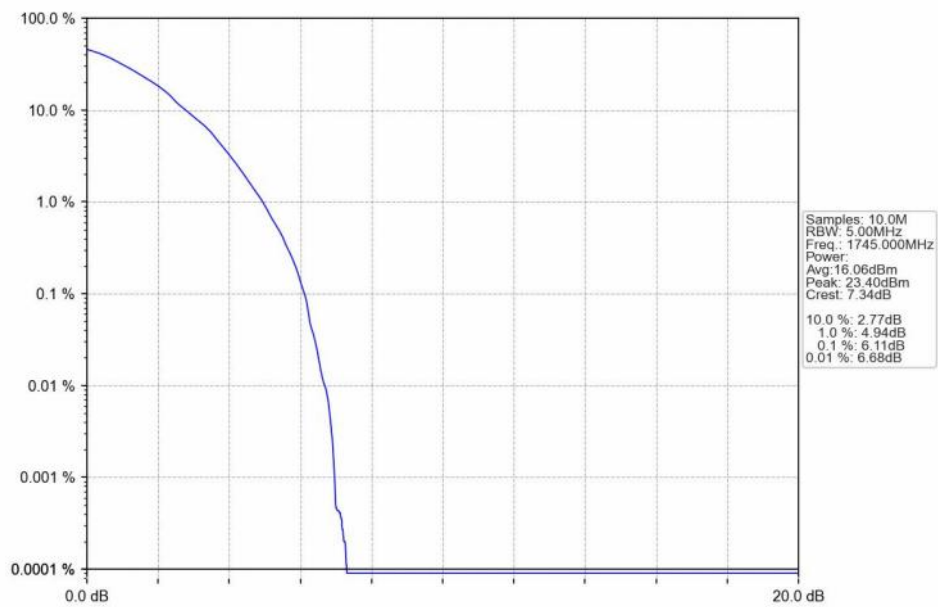
n66_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM 16 QAM_1777.5MHz_Outer_Full_Ant1



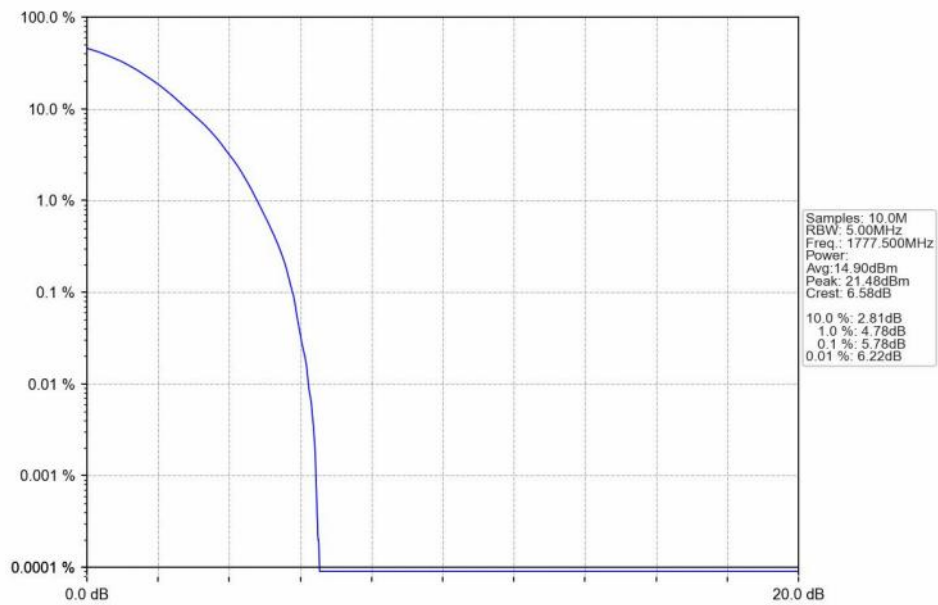
n66_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM 64 QAM_1712.5MHz_Outer_Full_Ant1



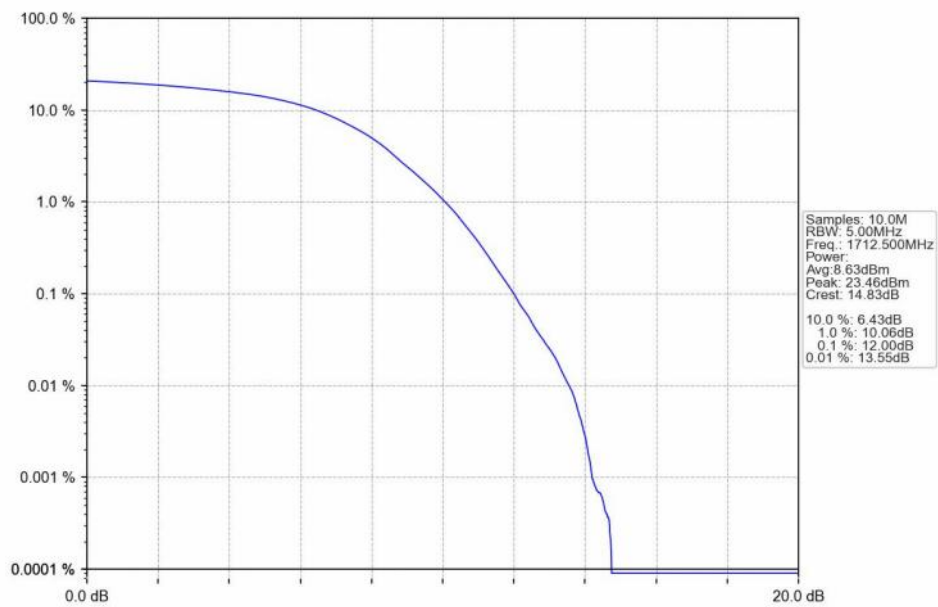
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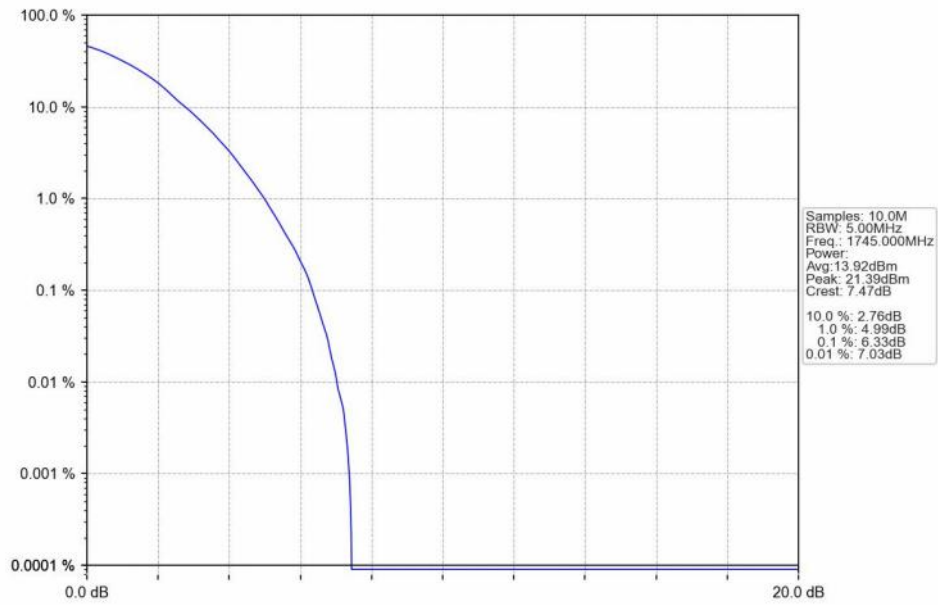
n66_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM 64 QAM_1777.5MHz_Outer_Full_Ant1



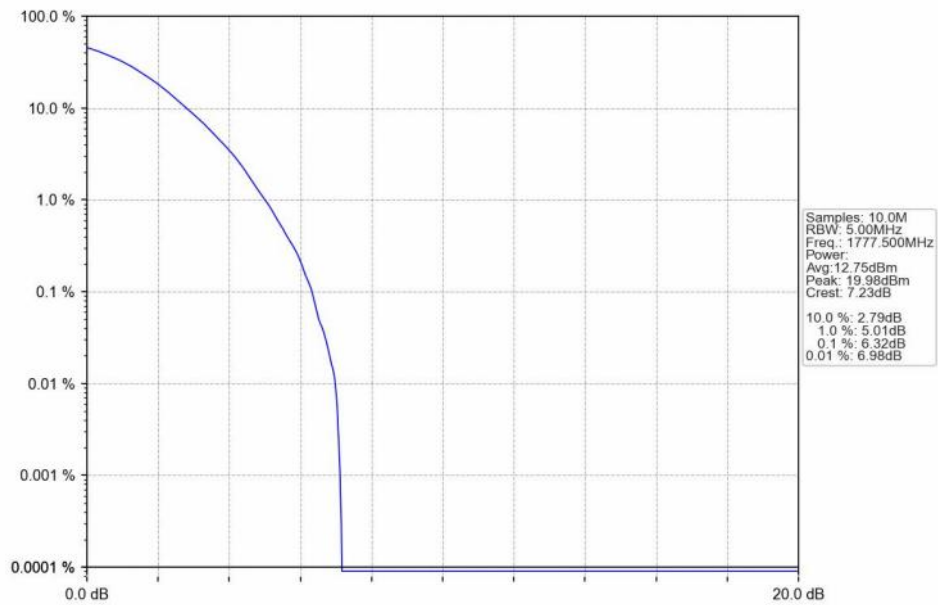
n66_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM 256 QAM_1712.5MHz_Outer_Full_Ant1



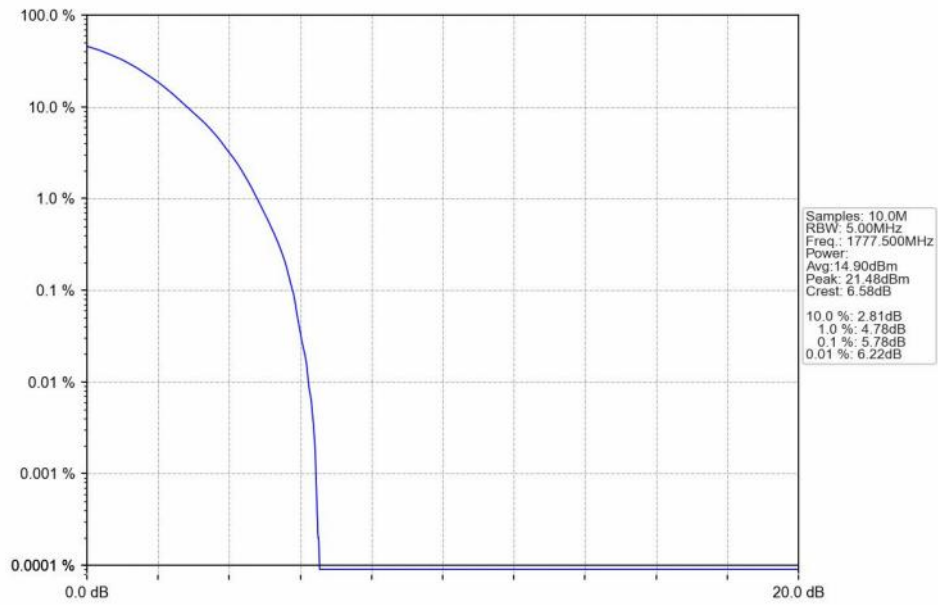
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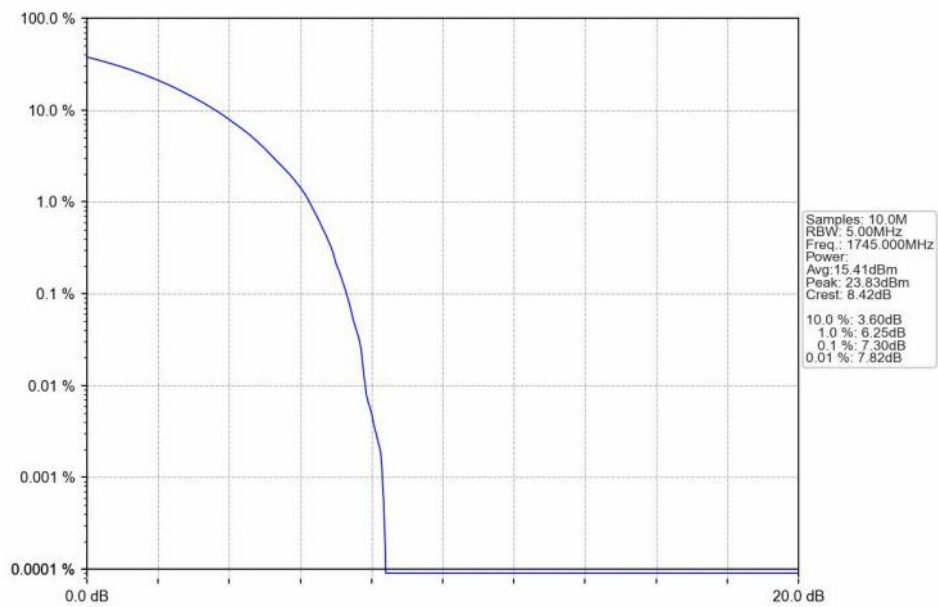
n66_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_256_QAM_1777.5MHz_Outer_Full_Ant1



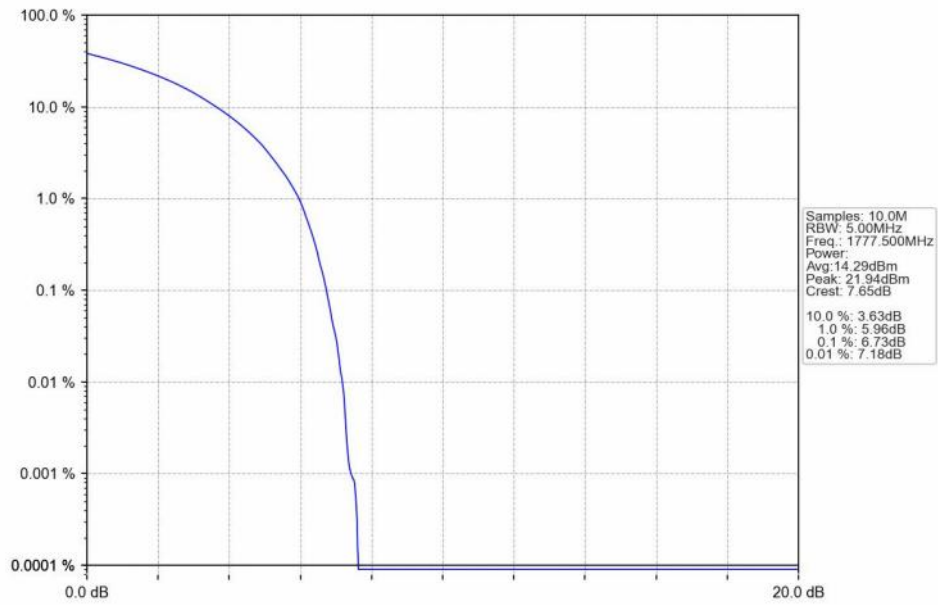
n66_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_1712.5MHz_Outer_Full_Ant1



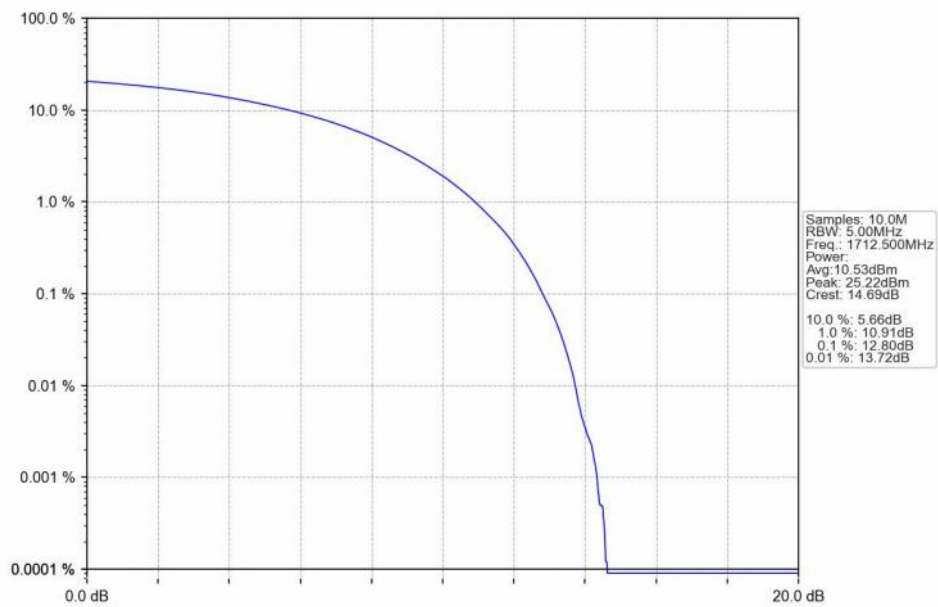
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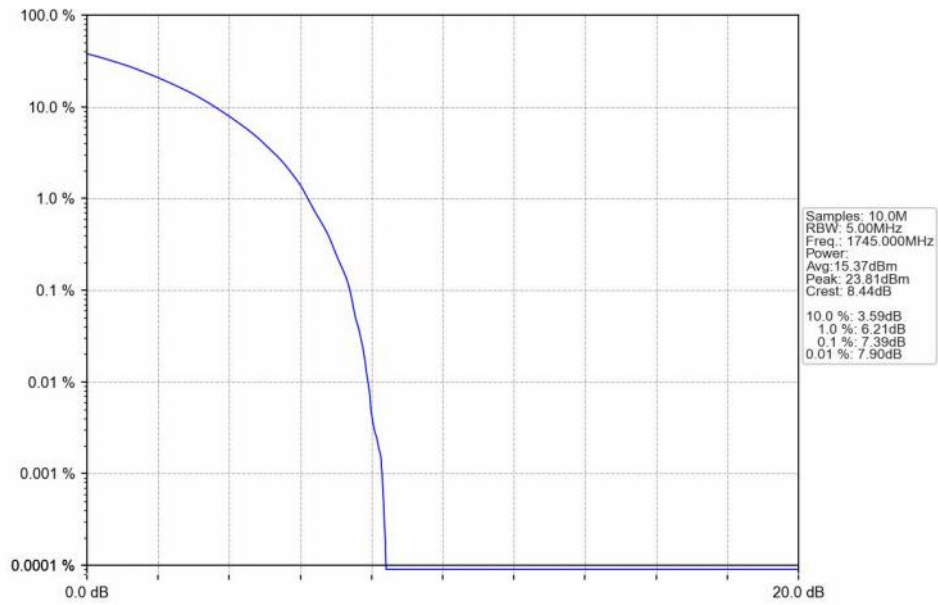
n66_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_1777.5MHz_Outer_Full_Ant1



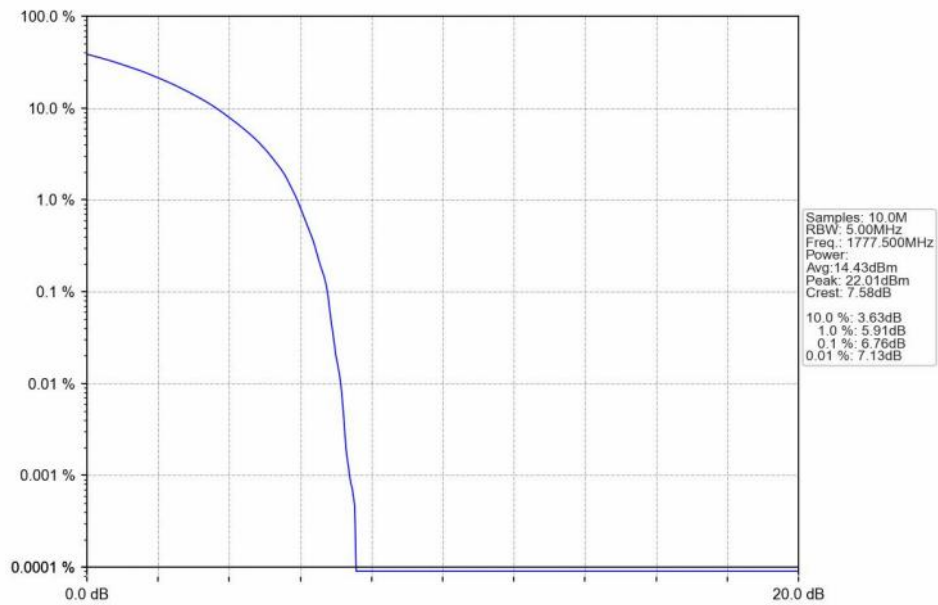
n66_15kHz_SISO_NTNV_5MHz_CP-OFDM 16 QAM_1712.5MHz_Outer_Full_Ant1



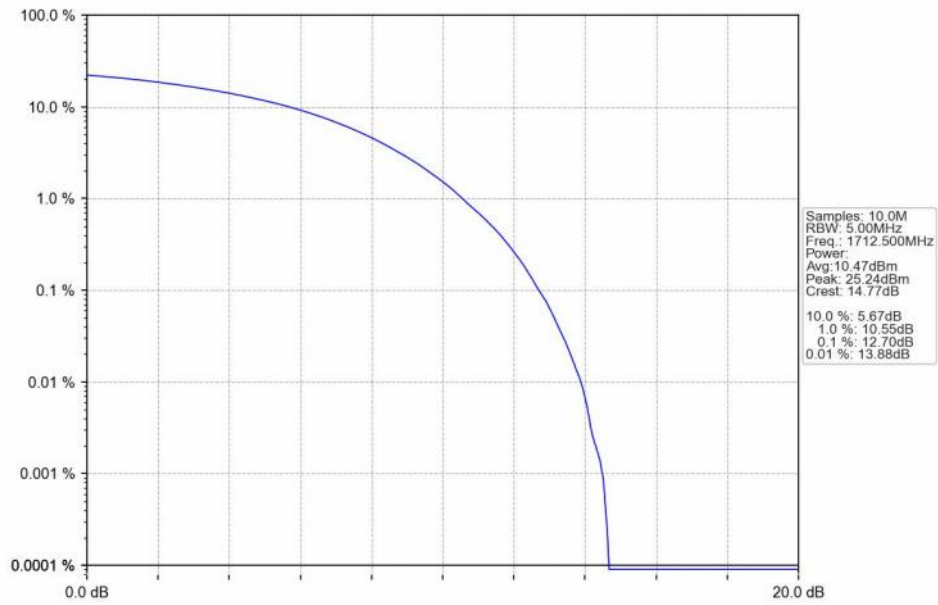
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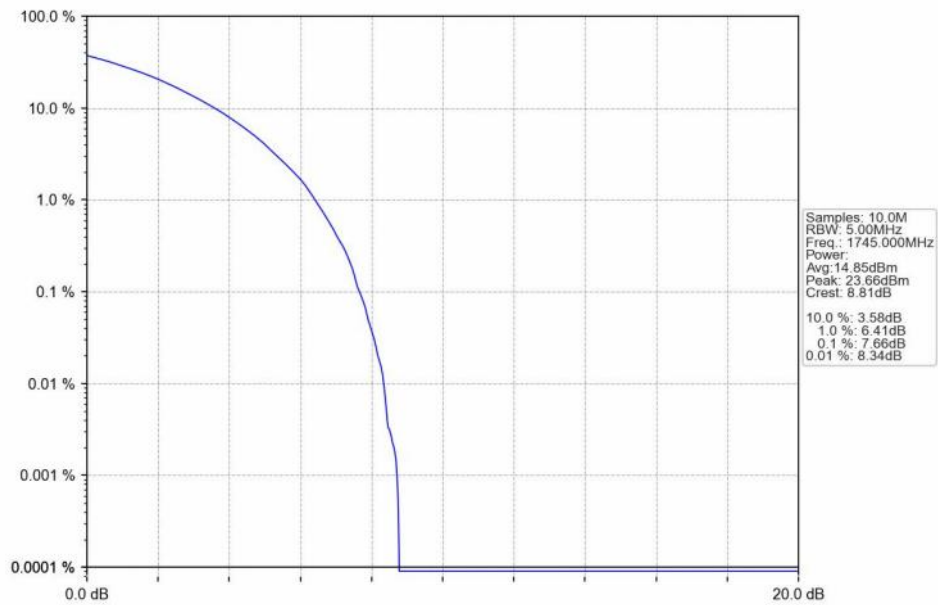
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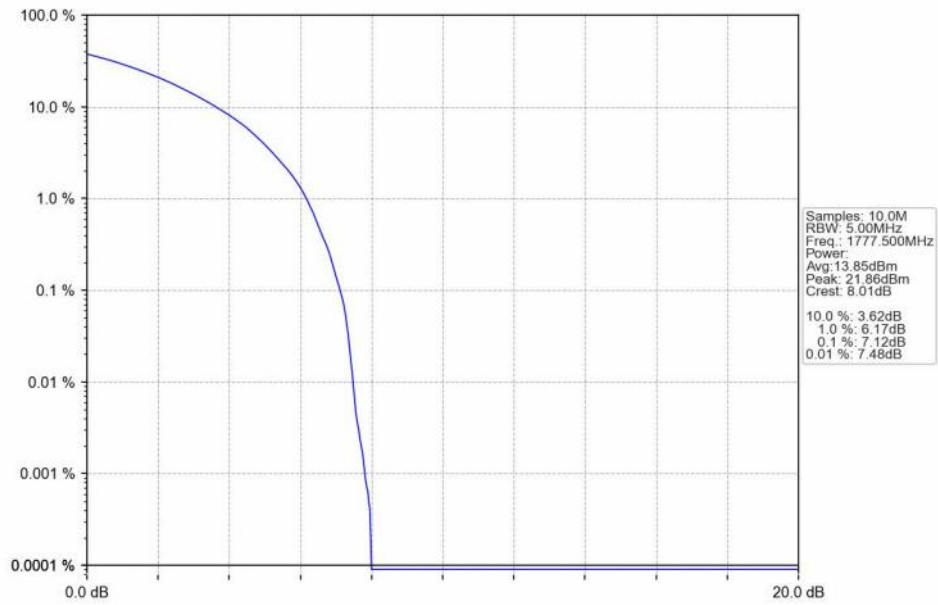
n66_15kHz_SISO_NTNV_5MHz_CP-OFDM 64 QAM_1712.5MHz_Outer_Full_Ant1



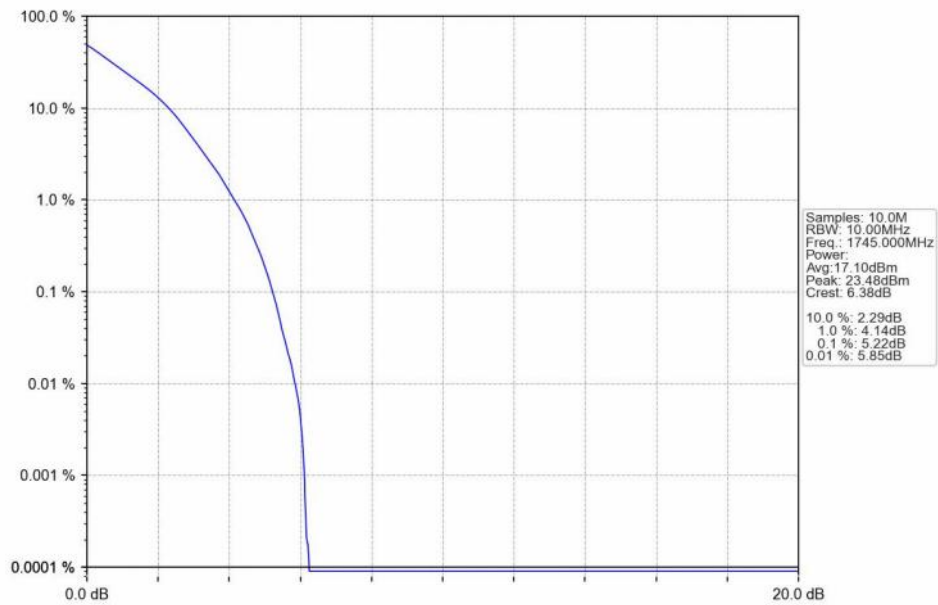
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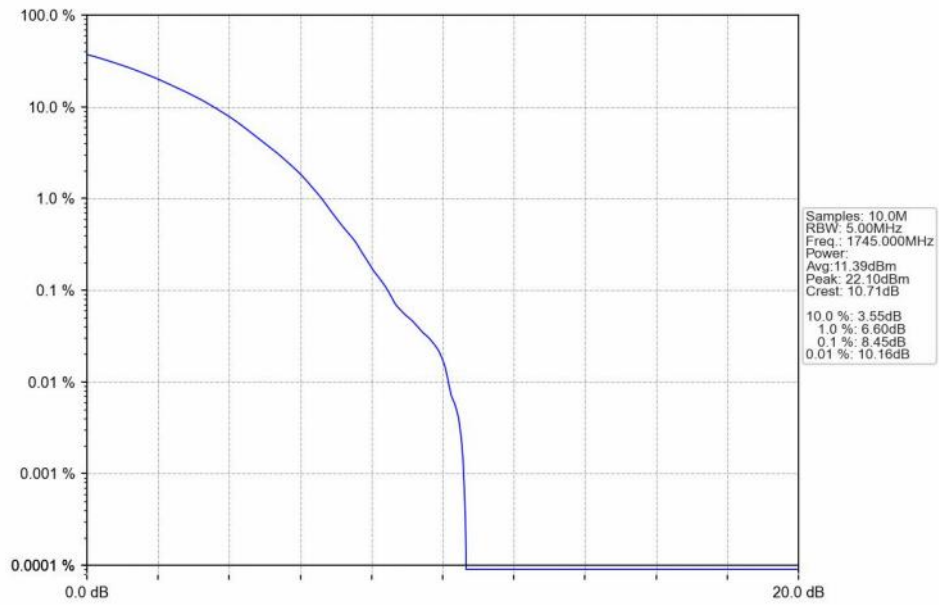
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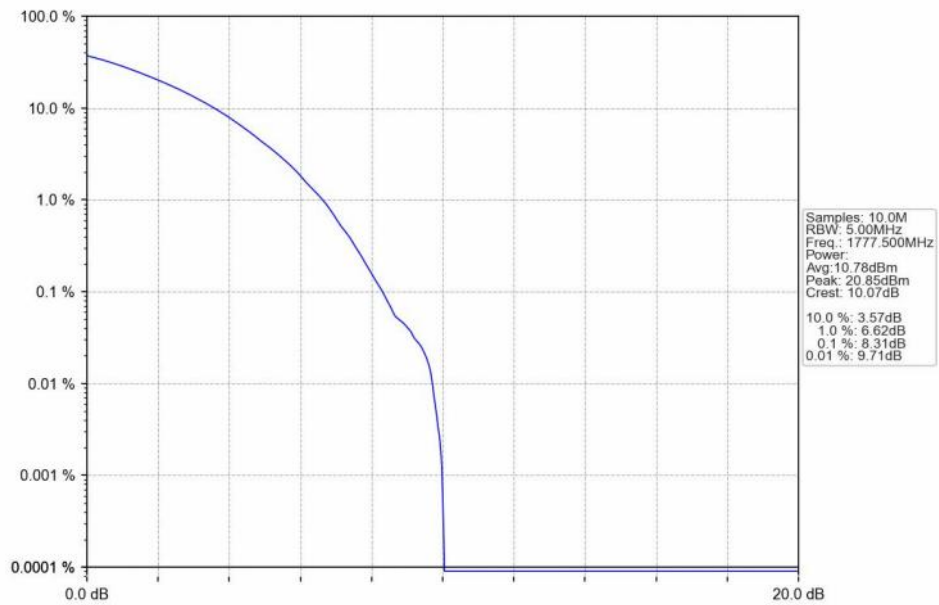
n66_15kHz_SISO_NTNV_5MHz_CP-OFDM 256 QAM_1712.5MHz_Outer_Full_Ant1



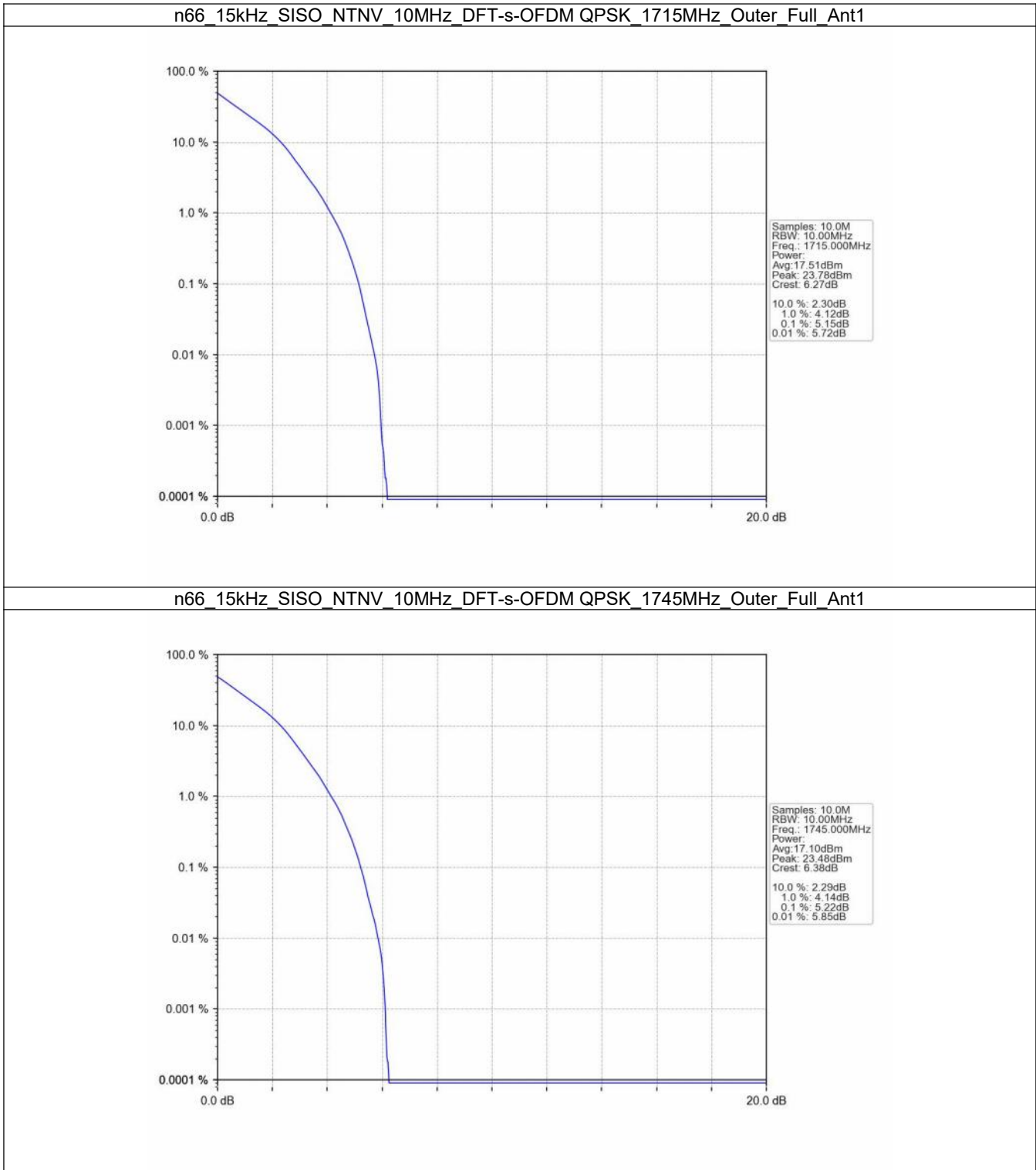
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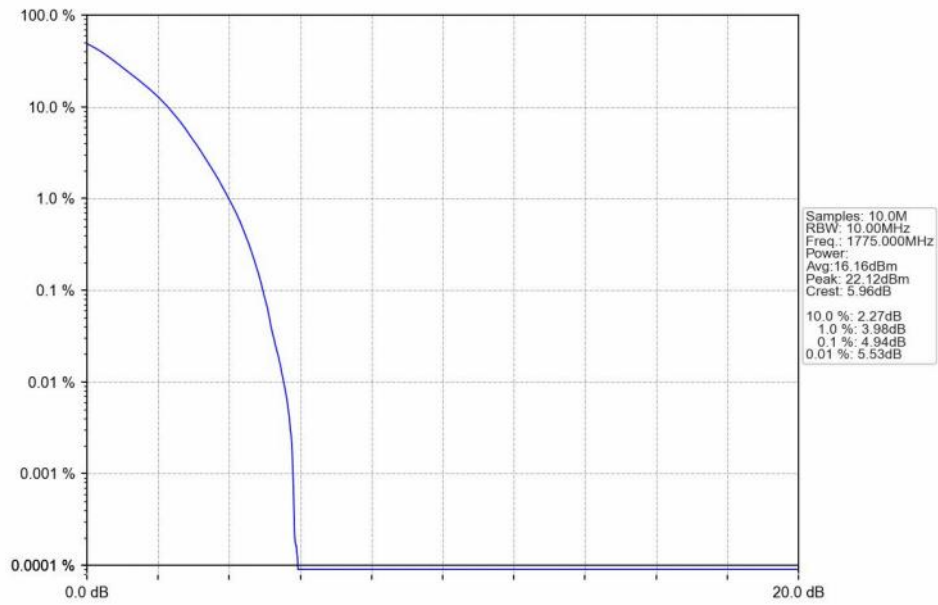
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5.2.2 15k_SISO_10MHz_NTNV



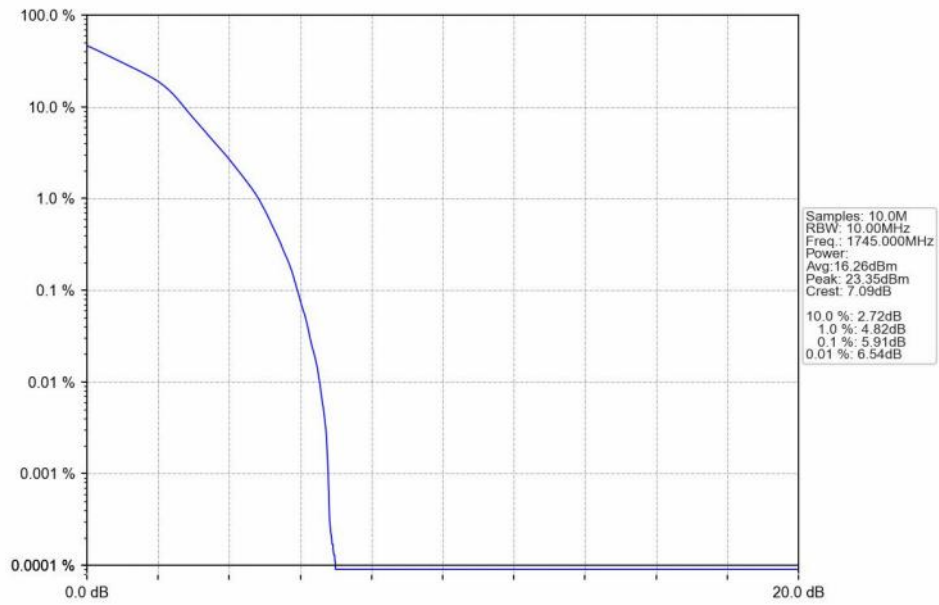
n66_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM QPSK_1775MHz_Outer_Full_Ant1



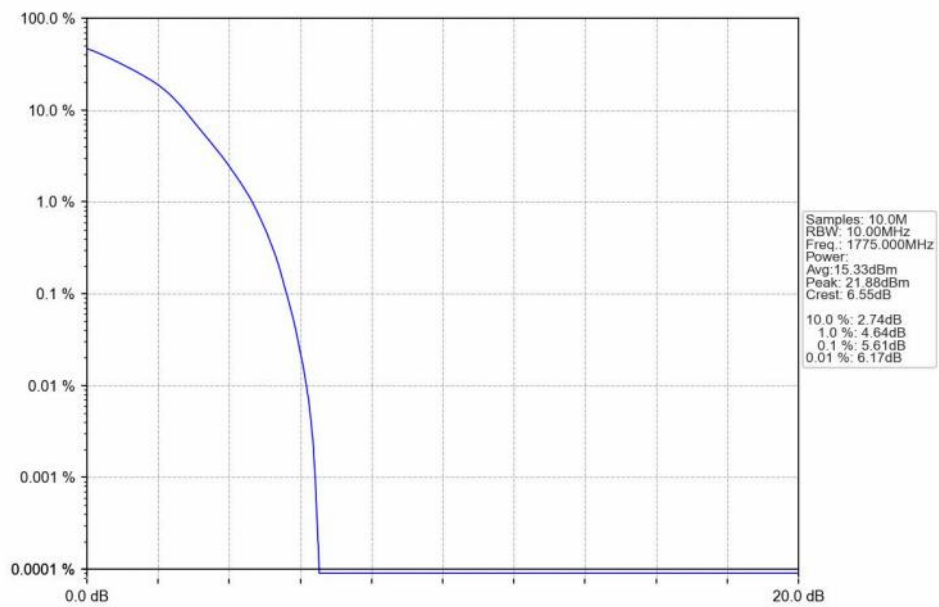
n66_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM 16 QAM_1715MHz_Outer_Full_Ant1



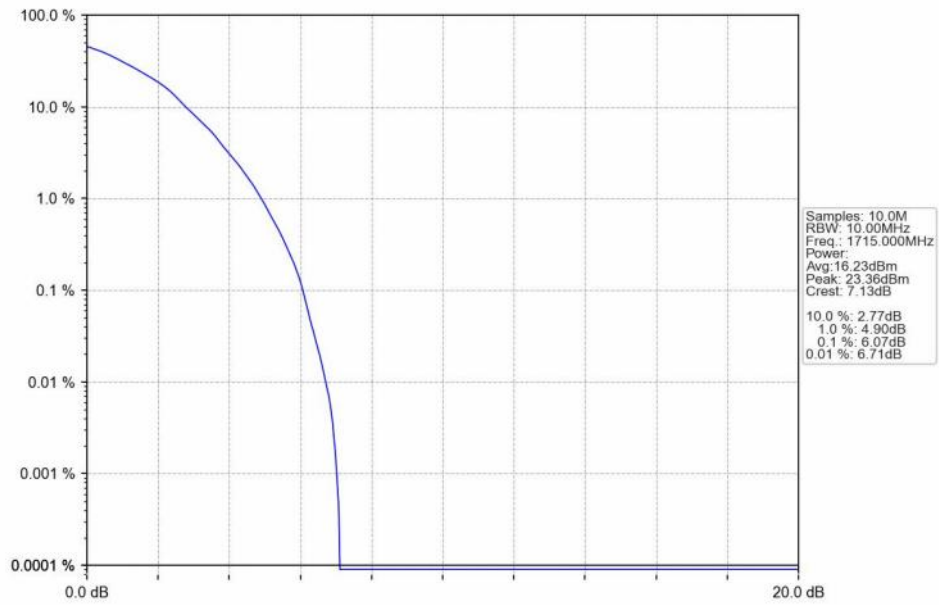
n66_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM_16_QAM_1745MHz_Outer_Full_Ant1



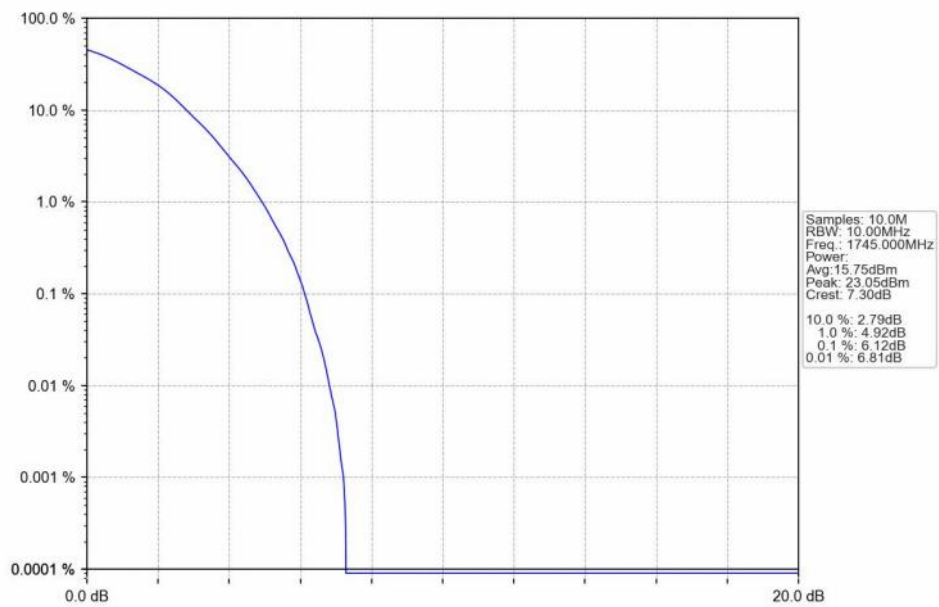
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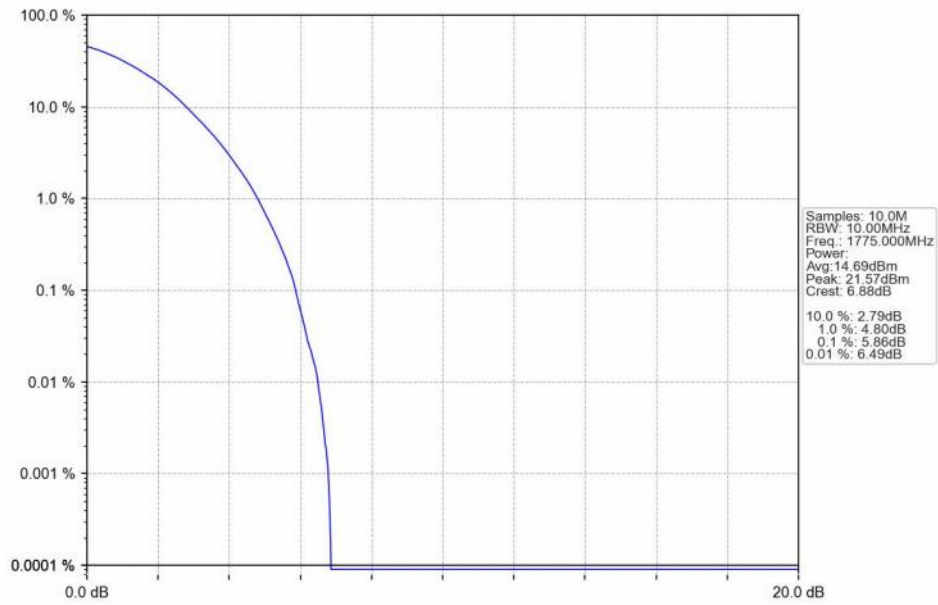
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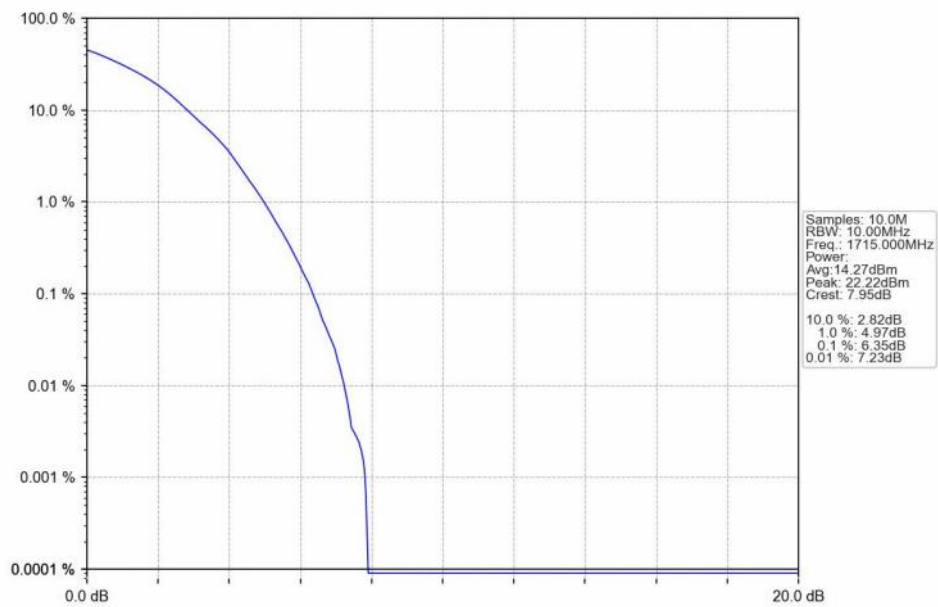
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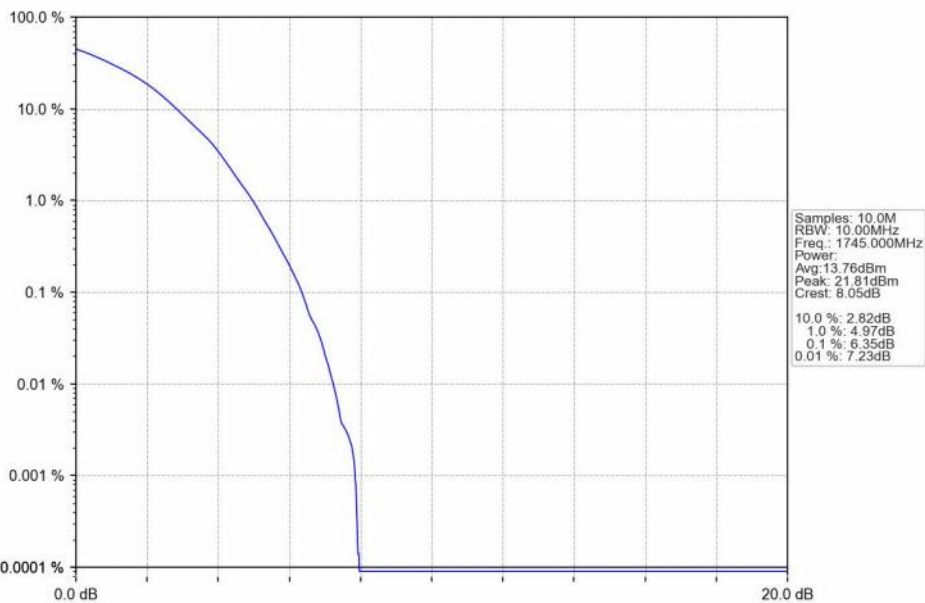
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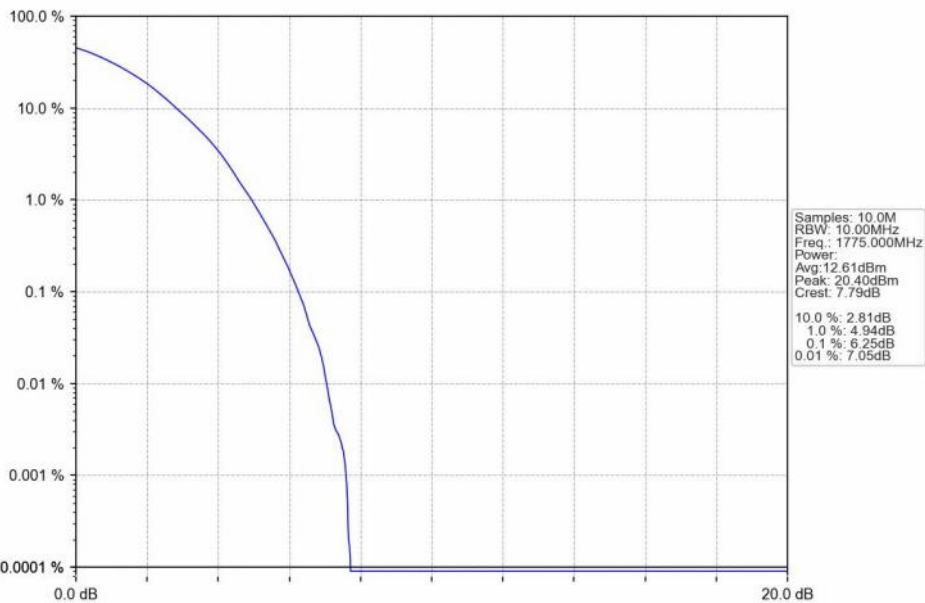
n66_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM 256 QAM_1715MHz_Outer_Full_Ant1



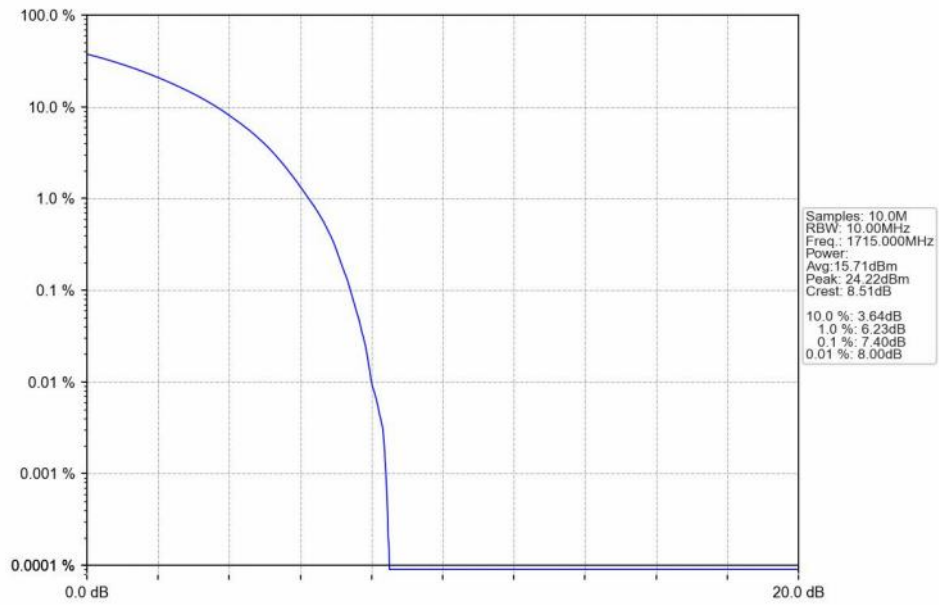
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n66_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM_256_QAM_1775MHz_Outer_Full_Ant1



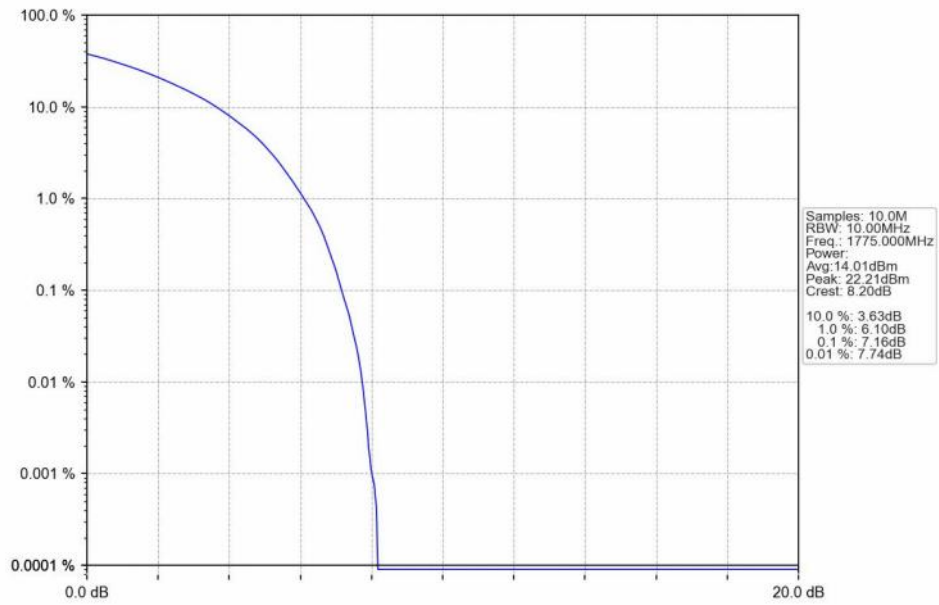
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n66_15kHz_SISO_NTNV_10MHz_CP-OFDM QPSK_1745MHz_Outer_Full_Ant1



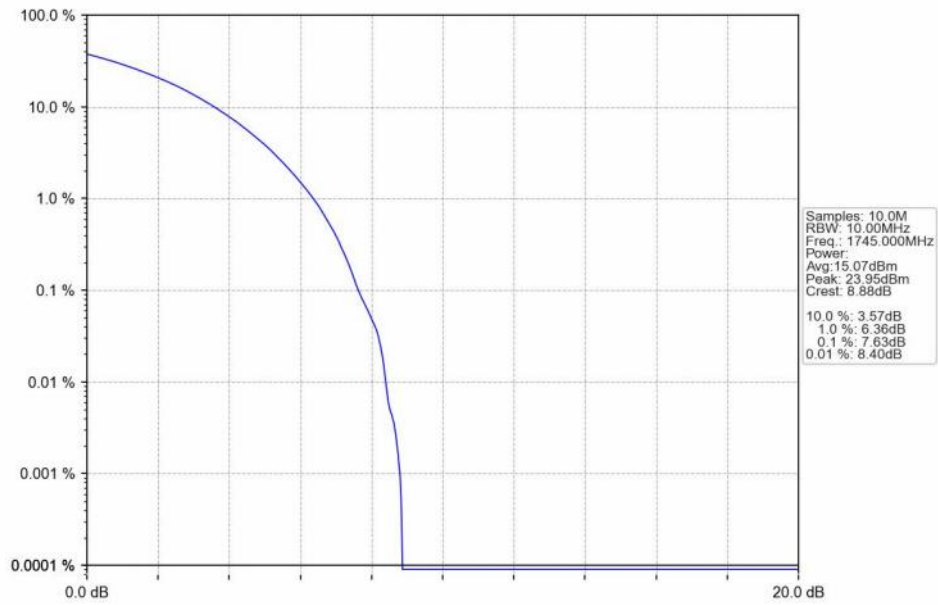
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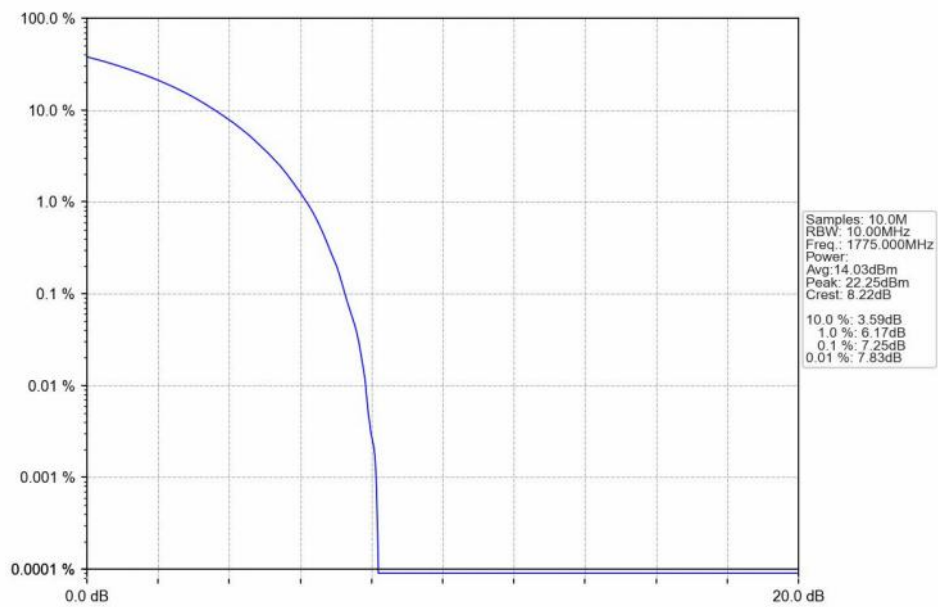
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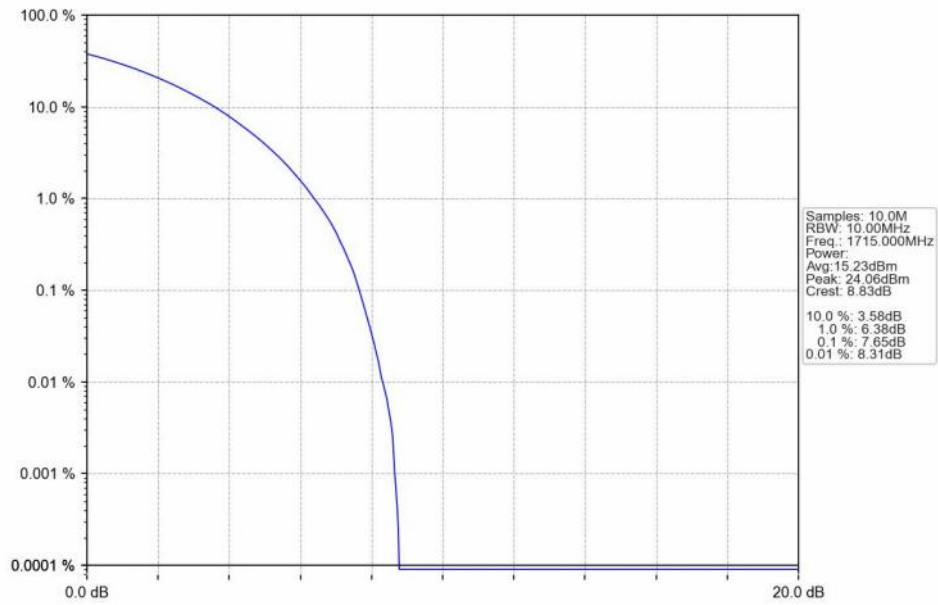
n66_15kHz_SISO_NTNV_10MHz_CP-OFDM_16 QAM_1745MHz_Outer_Full_Ant1



n66_15kHz_SISO_NTNV_10MHz_CP-OFDM_16 QAM_1775MHz_Outer_Full_Ant1



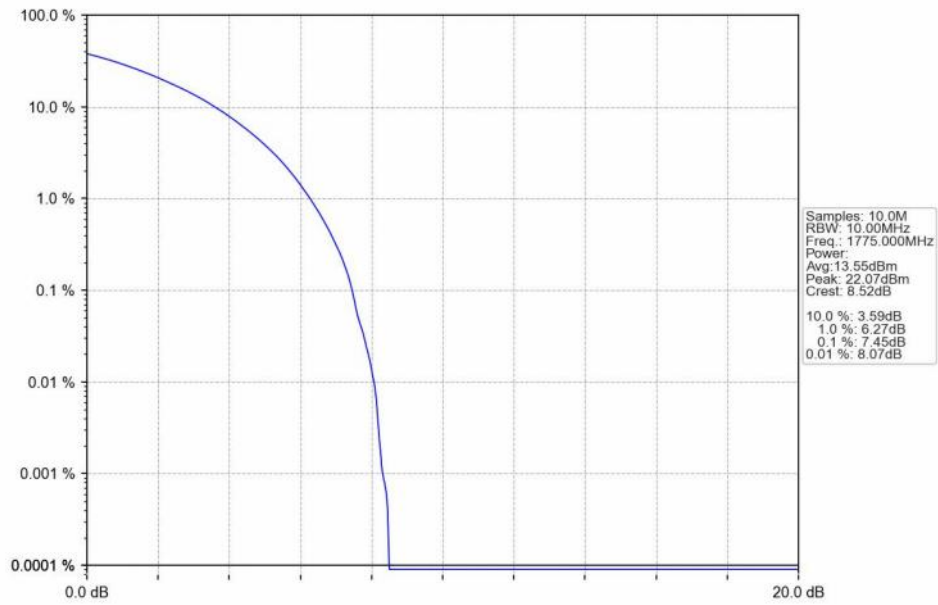
n66_15kHz_SISO_NTNV_10MHz_CP-OFDM 64 QAM_1715MHz_Outer_Full_Ant1



n66_15kHz_SISO_NTNV_10MHz_CP-OFDM 64 QAM_1745MHz_Outer_Full_Ant1



n66_15kHz_SISO_NTNV_10MHz_CP-OFDM 64 QAM_1775MHz_Outer_Full_Ant1



n66_15kHz_SISO_NTNV_10MHz_CP-OFDM 256 QAM_1715MHz_Outer_Full_Ant1

