

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 15k_SISO_5MHz_NTNV_EIRP

5G NR n66 SCS=15kHz SISO 5MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	1712.5	Edge 1RB Left	22.81	/	/	25.86	/	/	<=30	Pass
		Edge 1RB Right	22.77	/	/	25.82	/	/	<=30	Pass
		Outer Full	22.87	/	/	25.92	/	/	<=30	Pass
		Inner Full	23.40	/	/	26.45	/	/	<=30	Pass
		Inner 1RB Left	23.34	/	/	26.39	/	/	<=30	Pass
		Inner 1RB Right	23.21	/	/	26.26	/	/	<=30	Pass
	1745	Edge 1RB Left	22.96	/	/	26.01	/	/	<=30	Pass
		Edge 1RB Right	22.90	/	/	25.95	/	/	<=30	Pass
		Outer Full	22.96	/	/	26.01	/	/	<=30	Pass
		Inner Full	23.55	/	/	26.60	/	/	<=30	Pass
		Inner 1RB Left	23.40	/	/	26.45	/	/	<=30	Pass
		Inner 1RB Right	23.33	/	/	26.38	/	/	<=30	Pass
	1777.5	Edge 1RB Left	22.91	/	/	25.96	/	/	<=30	Pass
		Edge 1RB Right	22.89	/	/	25.94	/	/	<=30	Pass
		Outer Full	23.05	/	/	26.10	/	/	<=30	Pass
		Inner Full	23.55	/	/	26.60	/	/	<=30	Pass
		Inner 1RB Left	23.43	/	/	26.48	/	/	<=30	Pass
		Inner 1RB Right	23.35	/	/	26.40	/	/	<=30	Pass
DFT-s-OFDM QPSK	1712.5	Edge 1RB Left	22.37	/	/	25.42	/	/	<=30	Pass
		Edge 1RB Right	22.18	/	/	25.23	/	/	<=30	Pass
		Outer Full	22.29	/	/	25.34	/	/	<=30	Pass
		Inner Full	23.42	/	/	26.47	/	/	<=30	Pass
		Inner 1RB Left	23.24	/	/	26.29	/	/	<=30	Pass
		Inner 1RB Right	23.26	/	/	26.31	/	/	<=30	Pass
	1745	Edge 1RB Left	22.47	/	/	25.52	/	/	<=30	Pass
		Edge 1RB Right	22.45	/	/	25.50	/	/	<=30	Pass
		Outer Full	22.51	/	/	25.56	/	/	<=30	Pass
		Inner Full	23.56	/	/	26.61	/	/	<=30	Pass
		Inner 1RB Left	23.53	/	/	26.58	/	/	<=30	Pass
		Inner 1RB Right	23.34	/	/	26.39	/	/	<=30	Pass
	1777.5	Edge 1RB Left	22.54	/	/	25.59	/	/	<=30	Pass
		Edge 1RB Right	22.45	/	/	25.50	/	/	<=30	Pass
		Outer Full	22.47	/	/	25.52	/	/	<=30	Pass
		Inner Full	23.42	/	/	26.47	/	/	<=30	Pass
		Inner 1RB Left	23.29	/	/	26.34	/	/	<=30	Pass
		Inner 1RB Right	23.26	/	/	26.31	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	1712.5	Edge 1RB Left	21.31	/	/	24.36	/	/	<=30	Pass
		Edge 1RB Right	21.28	/	/	24.33	/	/	<=30	Pass
		Outer Full	21.38	/	/	24.43	/	/	<=30	Pass
		Inner Full	22.42	/	/	25.47	/	/	<=30	Pass
		Inner 1RB Left	22.32	/	/	25.37	/	/	<=30	Pass
		Inner 1RB Right	22.19	/	/	25.24	/	/	<=30	Pass
	1745	Edge 1RB Left	21.57	/	/	24.62	/	/	<=30	Pass
		Edge 1RB Right	21.45	/	/	24.50	/	/	<=30	Pass
		Outer Full	21.57	/	/	24.62	/	/	<=30	Pass
		Inner Full	22.53	/	/	25.58	/	/	<=30	Pass
		Inner 1RB Left	22.50	/	/	25.55	/	/	<=30	Pass

	1777.5	Inner 1RB Right	22.41	/	/	25.46	/	/	<=30	Pass
		Edge 1RB Left	21.51	/	/	24.56	/	/	<=30	Pass
		Edge 1RB Right	21.43	/	/	24.48	/	/	<=30	Pass
		Outer Full	21.52	/	/	24.57	/	/	<=30	Pass
		Inner Full	22.52	/	/	25.57	/	/	<=30	Pass
		Inner 1RB Left	22.56	/	/	25.61	/	/	<=30	Pass
		Inner 1RB Right	22.44	/	/	25.49	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	1712.5	Edge 1RB Left	21.01	/	/	24.06	/	/	<=30	Pass
		Edge 1RB Right	20.92	/	/	23.97	/	/	<=30	Pass
		Outer Full	20.93	/	/	23.98	/	/	<=30	Pass
		Inner Full	21.05	/	/	24.10	/	/	<=30	Pass
		Inner 1RB Left	21.05	/	/	24.10	/	/	<=30	Pass
		Inner 1RB Right	20.98	/	/	24.03	/	/	<=30	Pass
	1745	Edge 1RB Left	21.08	/	/	24.13	/	/	<=30	Pass
		Edge 1RB Right	21.12	/	/	24.17	/	/	<=30	Pass
		Outer Full	21.01	/	/	24.06	/	/	<=30	Pass
		Inner Full	21.12	/	/	24.17	/	/	<=30	Pass
		Inner 1RB Left	21.10	/	/	24.15	/	/	<=30	Pass
		Inner 1RB Right	21.08	/	/	24.13	/	/	<=30	Pass
	1777.5	Edge 1RB Left	21.13	/	/	24.18	/	/	<=30	Pass
		Edge 1RB Right	21.19	/	/	24.24	/	/	<=30	Pass
		Outer Full	21.07	/	/	24.12	/	/	<=30	Pass
		Inner Full	21.16	/	/	24.21	/	/	<=30	Pass
		Inner 1RB Left	21.24	/	/	24.29	/	/	<=30	Pass
		Inner 1RB Right	21.23	/	/	24.28	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	1712.5	Edge 1RB Left	18.33	/	/	21.38	/	/	<=30	Pass
		Edge 1RB Right	18.21	/	/	21.26	/	/	<=30	Pass
		Outer Full	18.90	/	/	21.95	/	/	<=30	Pass
		Inner Full	18.91	/	/	21.96	/	/	<=30	Pass
		Inner 1RB Left	18.42	/	/	21.47	/	/	<=30	Pass
		Inner 1RB Right	18.35	/	/	21.40	/	/	<=30	Pass
	1745	Edge 1RB Left	18.48	/	/	21.53	/	/	<=30	Pass
		Edge 1RB Right	18.46	/	/	21.51	/	/	<=30	Pass
		Outer Full	19.00	/	/	22.05	/	/	<=30	Pass
		Inner Full	19.06	/	/	22.11	/	/	<=30	Pass
		Inner 1RB Left	18.56	/	/	21.61	/	/	<=30	Pass
		Inner 1RB Right	18.43	/	/	21.48	/	/	<=30	Pass
	1777.5	Edge 1RB Left	18.47	/	/	21.52	/	/	<=30	Pass
		Edge 1RB Right	18.49	/	/	21.54	/	/	<=30	Pass
		Outer Full	19.08	/	/	22.13	/	/	<=30	Pass
		Inner Full	19.14	/	/	22.19	/	/	<=30	Pass
		Inner 1RB Left	18.58	/	/	21.63	/	/	<=30	Pass
		Inner 1RB Right	18.49	/	/	21.54	/	/	<=30	Pass
CP-OFDM QPSK	1712.5	Edge 1RB Left	20.43	/	/	23.48	/	/	<=30	Pass
		Edge 1RB Right	20.37	/	/	23.42	/	/	<=30	Pass
		Outer Full	20.64	/	/	23.69	/	/	<=30	Pass
		Inner Full	21.87	/	/	24.92	/	/	<=30	Pass
		Inner 1RB Left	21.98	/	/	25.03	/	/	<=30	Pass
		Inner 1RB Right	21.96	/	/	25.01	/	/	<=30	Pass
	1745	Edge 1RB Left	20.62	/	/	23.67	/	/	<=30	Pass
		Edge 1RB Right	20.57	/	/	23.62	/	/	<=30	Pass
		Outer Full	20.75	/	/	23.80	/	/	<=30	Pass
		Inner Full	22.08	/	/	25.13	/	/	<=30	Pass
		Inner 1RB Left	22.21	/	/	25.26	/	/	<=30	Pass
		Inner 1RB Right	22.15	/	/	25.20	/	/	<=30	Pass
	1777.5	Edge 1RB Left	20.60	/	/	23.65	/	/	<=30	Pass
		Edge 1RB Right	20.53	/	/	23.58	/	/	<=30	Pass
		Outer Full	20.73	/	/	23.78	/	/	<=30	Pass

		Inner_Full	22.12	/	/	25.17	/	/	<=30	Pass
		Inner_1RB_Left	22.20	/	/	25.25	/	/	<=30	Pass
		Inner_1RB_Right	22.13	/	/	25.18	/	/	<=30	Pass
CP-OFDM 16 QAM	1712.5	Edge_1RB_Left	20.28	/	/	23.33	/	/	<=30	Pass
		Edge_1RB_Right	20.27	/	/	23.32	/	/	<=30	Pass
		Outer_Full	20.55	/	/	23.60	/	/	<=30	Pass
		Inner_Full	21.16	/	/	24.21	/	/	<=30	Pass
		Inner_1RB_Left	21.36	/	/	24.41	/	/	<=30	Pass
		Inner_1RB_Right	21.35	/	/	24.40	/	/	<=30	Pass
	1745	Edge_1RB_Left	20.54	/	/	23.59	/	/	<=30	Pass
		Edge_1RB_Right	20.46	/	/	23.51	/	/	<=30	Pass
		Outer_Full	20.75	/	/	23.80	/	/	<=30	Pass
		Inner_Full	21.38	/	/	24.43	/	/	<=30	Pass
		Inner_1RB_Left	21.50	/	/	24.55	/	/	<=30	Pass
		Inner_1RB_Right	21.44	/	/	24.49	/	/	<=30	Pass
	1777.5	Edge_1RB_Left	20.58	/	/	23.63	/	/	<=30	Pass
		Edge_1RB_Right	20.42	/	/	23.47	/	/	<=30	Pass
		Outer_Full	20.62	/	/	23.67	/	/	<=30	Pass
		Inner_Full	21.35	/	/	24.40	/	/	<=30	Pass
		Inner_1RB_Left	21.59	/	/	24.64	/	/	<=30	Pass
		Inner_1RB_Right	21.47	/	/	24.52	/	/	<=30	Pass
CP-OFDM 64 QAM	1712.5	Edge_1RB_Left	19.90	/	/	22.95	/	/	<=30	Pass
		Edge_1RB_Right	19.80	/	/	22.85	/	/	<=30	Pass
		Outer_Full	19.90	/	/	22.95	/	/	<=30	Pass
		Inner_Full	20.02	/	/	23.07	/	/	<=30	Pass
		Inner_1RB_Left	19.93	/	/	22.98	/	/	<=30	Pass
		Inner_1RB_Right	19.85	/	/	22.90	/	/	<=30	Pass
	1745	Edge_1RB_Left	20.15	/	/	23.20	/	/	<=30	Pass
		Edge_1RB_Right	19.98	/	/	23.03	/	/	<=30	Pass
		Outer_Full	20.12	/	/	23.17	/	/	<=30	Pass
		Inner_Full	20.10	/	/	23.15	/	/	<=30	Pass
		Inner_1RB_Left	20.14	/	/	23.19	/	/	<=30	Pass
		Inner_1RB_Right	20.03	/	/	23.08	/	/	<=30	Pass
	1777.5	Edge_1RB_Left	20.07	/	/	23.12	/	/	<=30	Pass
		Edge_1RB_Right	19.99	/	/	23.04	/	/	<=30	Pass
		Outer_Full	20.08	/	/	23.13	/	/	<=30	Pass
		Inner_Full	20.16	/	/	23.21	/	/	<=30	Pass
		Inner_1RB_Left	20.13	/	/	23.18	/	/	<=30	Pass
		Inner_1RB_Right	20.02	/	/	23.07	/	/	<=30	Pass
CP-OFDM 256 QAM	1712.5	Edge_1RB_Left	16.47	/	/	19.52	/	/	<=30	Pass
		Edge_1RB_Right	16.38	/	/	19.43	/	/	<=30	Pass
		Outer_Full	16.98	/	/	20.03	/	/	<=30	Pass
		Inner_Full	17.05	/	/	20.10	/	/	<=30	Pass
		Inner_1RB_Left	16.56	/	/	19.61	/	/	<=30	Pass
		Inner_1RB_Right	16.49	/	/	19.54	/	/	<=30	Pass
	1745	Edge_1RB_Left	16.76	/	/	19.81	/	/	<=30	Pass
		Edge_1RB_Right	16.62	/	/	19.67	/	/	<=30	Pass
		Outer_Full	17.17	/	/	20.22	/	/	<=30	Pass
		Inner_Full	17.12	/	/	20.17	/	/	<=30	Pass
		Inner_1RB_Left	16.74	/	/	19.79	/	/	<=30	Pass
		Inner_1RB_Right	16.57	/	/	19.62	/	/	<=30	Pass
	1777.5	Edge_1RB_Left	16.65	/	/	19.70	/	/	<=30	Pass
		Edge_1RB_Right	16.61	/	/	19.66	/	/	<=30	Pass
		Outer_Full	17.15	/	/	20.20	/	/	<=30	Pass
		Inner_Full	17.15	/	/	20.20	/	/	<=30	Pass
		Inner_1RB_Left	16.63	/	/	19.68	/	/	<=30	Pass
		Inner_1RB_Right	16.66	/	/	19.71	/	/	<=30	Pass

Note1: Antenna Gain: Ant1: 3.05dBi;

Note2: EIRP=Conducted Power+Antenna Gain

1.1.2 15k_SISO_10MHz_NTNV_EIRP

5G NR n66 SCS=15kHz SISO 10MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	1715	Edge_1RB_Left	23.00	/	/	26.05	/	/	<=30	Pass
		Edge_1RB_Right	22.91	/	/	25.96	/	/	<=30	Pass
		Outer_Full	23.00	/	/	26.05	/	/	<=30	Pass
		Inner_Full	23.57	/	/	26.62	/	/	<=30	Pass
		Inner_1RB_Left	23.62	/	/	26.67	/	/	<=30	Pass
		Inner_1RB_Right	23.50	/	/	26.55	/	/	<=30	Pass
	1745	Edge_1RB_Left	22.97	/	/	26.02	/	/	<=30	Pass
		Edge_1RB_Right	22.83	/	/	25.88	/	/	<=30	Pass
		Outer_Full	23.01	/	/	26.06	/	/	<=30	Pass
		Inner_Full	23.52	/	/	26.57	/	/	<=30	Pass
		Inner_1RB_Left	23.62	/	/	26.67	/	/	<=30	Pass
		Inner_1RB_Right	23.42	/	/	26.47	/	/	<=30	Pass
	1775	Edge_1RB_Left	23.01	/	/	26.06	/	/	<=30	Pass
		Edge_1RB_Right	22.88	/	/	25.93	/	/	<=30	Pass
		Outer_Full	23.05	/	/	26.10	/	/	<=30	Pass
		Inner_Full	23.63	/	/	26.68	/	/	<=30	Pass
		Inner_1RB_Left	23.47	/	/	26.52	/	/	<=30	Pass
		Inner_1RB_Right	23.47	/	/	26.52	/	/	<=30	Pass
DFT-s-OFDM QPSK	1715	Edge_1RB_Left	22.55	/	/	25.60	/	/	<=30	Pass
		Edge_1RB_Right	22.32	/	/	25.37	/	/	<=30	Pass
		Outer_Full	22.39	/	/	25.44	/	/	<=30	Pass
		Inner_Full	23.51	/	/	26.56	/	/	<=30	Pass
		Inner_1RB_Left	23.59	/	/	26.64	/	/	<=30	Pass
		Inner_1RB_Right	23.48	/	/	26.53	/	/	<=30	Pass
	1745	Edge_1RB_Left	22.52	/	/	25.57	/	/	<=30	Pass
		Edge_1RB_Right	22.41	/	/	25.46	/	/	<=30	Pass
		Outer_Full	22.41	/	/	25.46	/	/	<=30	Pass
		Inner_Full	23.57	/	/	26.62	/	/	<=30	Pass
		Inner_1RB_Left	23.51	/	/	26.56	/	/	<=30	Pass
		Inner_1RB_Right	23.46	/	/	26.51	/	/	<=30	Pass
	1775	Edge_1RB_Left	22.55	/	/	25.60	/	/	<=30	Pass
		Edge_1RB_Right	22.43	/	/	25.48	/	/	<=30	Pass
		Outer_Full	22.50	/	/	25.55	/	/	<=30	Pass
		Inner_Full	23.57	/	/	26.62	/	/	<=30	Pass
		Inner_1RB_Left	23.42	/	/	26.47	/	/	<=30	Pass
		Inner_1RB_Right	23.54	/	/	26.59	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	1715	Edge_1RB_Left	21.60	/	/	24.65	/	/	<=30	Pass
		Edge_1RB_Right	21.40	/	/	24.45	/	/	<=30	Pass
		Outer_Full	21.46	/	/	24.51	/	/	<=30	Pass
		Inner_Full	22.45	/	/	25.50	/	/	<=30	Pass
		Inner_1RB_Left	22.54	/	/	25.59	/	/	<=30	Pass
		Inner_1RB_Right	22.43	/	/	25.48	/	/	<=30	Pass
	1745	Edge_1RB_Left	21.55	/	/	24.60	/	/	<=30	Pass
		Edge_1RB_Right	21.34	/	/	24.39	/	/	<=30	Pass
		Outer_Full	21.44	/	/	24.49	/	/	<=30	Pass
		Inner_Full	22.49	/	/	25.54	/	/	<=30	Pass
		Inner_1RB_Left	22.61	/	/	25.66	/	/	<=30	Pass
		Inner_1RB_Right	22.40	/	/	25.45	/	/	<=30	Pass
	1775	Edge_1RB_Left	21.52	/	/	24.57	/	/	<=30	Pass

		Edge_1RB_Right	21.52	/	/	24.57	/	/	<=30	Pass
		Outer_Full	21.45	/	/	24.50	/	/	<=30	Pass
		Inner_Full	22.50	/	/	25.55	/	/	<=30	Pass
		Inner_1RB_Left	22.61	/	/	25.66	/	/	<=30	Pass
		Inner_1RB_Right	22.47	/	/	25.52	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	1715	Edge_1RB_Left	21.26	/	/	24.31	/	/	<=30	Pass
		Edge_1RB_Right	20.99	/	/	24.04	/	/	<=30	Pass
		Outer_Full	21.13	/	/	24.18	/	/	<=30	Pass
		Inner_Full	21.07	/	/	24.12	/	/	<=30	Pass
		Inner_1RB_Left	21.28	/	/	24.33	/	/	<=30	Pass
		Inner_1RB_Right	21.10	/	/	24.15	/	/	<=30	Pass
	1745	Edge_1RB_Left	21.28	/	/	24.33	/	/	<=30	Pass
		Edge_1RB_Right	21.07	/	/	24.12	/	/	<=30	Pass
		Outer_Full	21.11	/	/	24.16	/	/	<=30	Pass
		Inner_Full	21.06	/	/	24.11	/	/	<=30	Pass
		Inner_1RB_Left	21.24	/	/	24.29	/	/	<=30	Pass
		Inner_1RB_Right	21.09	/	/	24.14	/	/	<=30	Pass
	1775	Edge_1RB_Left	21.25	/	/	24.30	/	/	<=30	Pass
		Edge_1RB_Right	21.17	/	/	24.22	/	/	<=30	Pass
		Outer_Full	21.16	/	/	24.21	/	/	<=30	Pass
		Inner_Full	21.14	/	/	24.19	/	/	<=30	Pass
		Inner_1RB_Left	21.33	/	/	24.38	/	/	<=30	Pass
		Inner_1RB_Right	21.25	/	/	24.30	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	1715	Edge_1RB_Left	18.57	/	/	21.62	/	/	<=30	Pass
		Edge_1RB_Right	18.35	/	/	21.40	/	/	<=30	Pass
		Outer_Full	19.06	/	/	22.11	/	/	<=30	Pass
		Inner_Full	19.06	/	/	22.11	/	/	<=30	Pass
		Inner_1RB_Left	18.58	/	/	21.63	/	/	<=30	Pass
		Inner_1RB_Right	18.45	/	/	21.50	/	/	<=30	Pass
	1745	Edge_1RB_Left	18.47	/	/	21.52	/	/	<=30	Pass
		Edge_1RB_Right	18.39	/	/	21.44	/	/	<=30	Pass
		Outer_Full	19.15	/	/	22.20	/	/	<=30	Pass
		Inner_Full	18.95	/	/	22.00	/	/	<=30	Pass
		Inner_1RB_Left	18.53	/	/	21.58	/	/	<=30	Pass
		Inner_1RB_Right	18.41	/	/	21.46	/	/	<=30	Pass
	1775	Edge_1RB_Left	18.48	/	/	21.53	/	/	<=30	Pass
		Edge_1RB_Right	18.51	/	/	21.56	/	/	<=30	Pass
		Outer_Full	19.14	/	/	22.19	/	/	<=30	Pass
		Inner_Full	19.01	/	/	22.06	/	/	<=30	Pass
		Inner_1RB_Left	18.57	/	/	21.62	/	/	<=30	Pass
		Inner_1RB_Right	18.52	/	/	21.57	/	/	<=30	Pass
CP-OFDM QPSK	1715	Edge_1RB_Left	20.64	/	/	23.69	/	/	<=30	Pass
		Edge_1RB_Right	20.63	/	/	23.68	/	/	<=30	Pass
		Outer_Full	20.48	/	/	23.53	/	/	<=30	Pass
		Inner_Full	21.86	/	/	24.91	/	/	<=30	Pass
		Inner_1RB_Left	22.21	/	/	25.26	/	/	<=30	Pass
		Inner_1RB_Right	22.09	/	/	25.14	/	/	<=30	Pass
	1745	Edge_1RB_Left	20.65	/	/	23.70	/	/	<=30	Pass
		Edge_1RB_Right	20.54	/	/	23.59	/	/	<=30	Pass
		Outer_Full	20.58	/	/	23.63	/	/	<=30	Pass
		Inner_Full	21.90	/	/	24.95	/	/	<=30	Pass
		Inner_1RB_Left	22.13	/	/	25.18	/	/	<=30	Pass
		Inner_1RB_Right	22.04	/	/	25.09	/	/	<=30	Pass
	1775	Edge_1RB_Left	20.60	/	/	23.65	/	/	<=30	Pass
		Edge_1RB_Right	20.56	/	/	23.61	/	/	<=30	Pass
		Outer_Full	20.67	/	/	23.72	/	/	<=30	Pass
		Inner_Full	21.97	/	/	25.02	/	/	<=30	Pass
		Inner_1RB_Left	22.16	/	/	25.21	/	/	<=30	Pass

		Inner_1RB_Right	22.19	/	/	25.24	/	/	<=30	Pass
CP-OFDM 16 QAM	1715	Edge_1RB_Left	20.46	/	/	23.51	/	/	<=30	Pass
		Edge_1RB_Right	20.34	/	/	23.39	/	/	<=30	Pass
		Outer_Full	20.54	/	/	23.59	/	/	<=30	Pass
		Inner_Full	21.34	/	/	24.39	/	/	<=30	Pass
		Inner_1RB_Left	21.54	/	/	24.59	/	/	<=30	Pass
		Inner_1RB_Right	21.42	/	/	24.47	/	/	<=30	Pass
	1745	Edge_1RB_Left	20.46	/	/	23.51	/	/	<=30	Pass
		Edge_1RB_Right	20.29	/	/	23.34	/	/	<=30	Pass
		Outer_Full	20.53	/	/	23.58	/	/	<=30	Pass
		Inner_Full	21.37	/	/	24.42	/	/	<=30	Pass
		Inner_1RB_Left	21.48	/	/	24.53	/	/	<=30	Pass
		Inner_1RB_Right	21.33	/	/	24.38	/	/	<=30	Pass
	1775	Edge_1RB_Left	20.54	/	/	23.59	/	/	<=30	Pass
		Edge_1RB_Right	20.49	/	/	23.54	/	/	<=30	Pass
		Outer_Full	20.58	/	/	23.63	/	/	<=30	Pass
		Inner_Full	21.40	/	/	24.45	/	/	<=30	Pass
		Inner_1RB_Left	21.44	/	/	24.49	/	/	<=30	Pass
		Inner_1RB_Right	21.55	/	/	24.60	/	/	<=30	Pass
CP-OFDM 64 QAM	1715	Edge_1RB_Left	20.07	/	/	23.12	/	/	<=30	Pass
		Edge_1RB_Right	19.97	/	/	23.02	/	/	<=30	Pass
		Outer_Full	20.02	/	/	23.07	/	/	<=30	Pass
		Inner_Full	20.07	/	/	23.12	/	/	<=30	Pass
		Inner_1RB_Left	20.15	/	/	23.20	/	/	<=30	Pass
		Inner_1RB_Right	20.04	/	/	23.09	/	/	<=30	Pass
	1745	Edge_1RB_Left	20.12	/	/	23.17	/	/	<=30	Pass
		Edge_1RB_Right	19.95	/	/	23.00	/	/	<=30	Pass
		Outer_Full	20.01	/	/	23.06	/	/	<=30	Pass
		Inner_Full	20.06	/	/	23.11	/	/	<=30	Pass
		Inner_1RB_Left	20.09	/	/	23.14	/	/	<=30	Pass
		Inner_1RB_Right	20.04	/	/	23.09	/	/	<=30	Pass
	1775	Edge_1RB_Left	20.08	/	/	23.13	/	/	<=30	Pass
		Edge_1RB_Right	19.96	/	/	23.01	/	/	<=30	Pass
		Outer_Full	20.05	/	/	23.10	/	/	<=30	Pass
		Inner_Full	20.14	/	/	23.19	/	/	<=30	Pass
		Inner_1RB_Left	20.11	/	/	23.16	/	/	<=30	Pass
		Inner_1RB_Right	20.06	/	/	23.11	/	/	<=30	Pass
CP-OFDM 256 QAM	1715	Edge_1RB_Left	16.73	/	/	19.78	/	/	<=30	Pass
		Edge_1RB_Right	16.63	/	/	19.68	/	/	<=30	Pass
		Outer_Full	17.00	/	/	20.05	/	/	<=30	Pass
		Inner_Full	17.02	/	/	20.07	/	/	<=30	Pass
		Inner_1RB_Left	16.75	/	/	19.80	/	/	<=30	Pass
		Inner_1RB_Right	16.71	/	/	19.76	/	/	<=30	Pass
	1745	Edge_1RB_Left	16.71	/	/	19.76	/	/	<=30	Pass
		Edge_1RB_Right	16.52	/	/	19.57	/	/	<=30	Pass
		Outer_Full	17.00	/	/	20.05	/	/	<=30	Pass
		Inner_Full	17.04	/	/	20.09	/	/	<=30	Pass
		Inner_1RB_Left	16.67	/	/	19.72	/	/	<=30	Pass
		Inner_1RB_Right	16.66	/	/	19.71	/	/	<=30	Pass
	1775	Edge_1RB_Left	16.70	/	/	19.75	/	/	<=30	Pass
		Edge_1RB_Right	16.60	/	/	19.65	/	/	<=30	Pass
		Outer_Full	16.99	/	/	20.04	/	/	<=30	Pass
		Inner_Full	17.02	/	/	20.07	/	/	<=30	Pass
		Inner_1RB_Left	16.69	/	/	19.74	/	/	<=30	Pass
		Inner_1RB_Right	16.67	/	/	19.72	/	/	<=30	Pass
Note1: Antenna Gain: Ant1: 3.05dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.3 15k_SISO_15MHz_NTNV_EIRP

5G NR n66 SCS=15kHz SISO 15MHz NTV										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	1717.5	Edge_1RB_Left	22.99	/	/	26.04	/	/	<=30	Pass
		Edge_1RB_Right	22.91	/	/	25.96	/	/	<=30	Pass
		Outer_Full	22.87	/	/	25.92	/	/	<=30	Pass
		Inner_Full	23.54	/	/	26.59	/	/	<=30	Pass
		Inner_1RB_Left	23.55	/	/	26.60	/	/	<=30	Pass
		Inner_1RB_Right	23.36	/	/	26.41	/	/	<=30	Pass
	1745	Edge_1RB_Left	23.07	/	/	26.12	/	/	<=30	Pass
		Edge_1RB_Right	22.85	/	/	25.90	/	/	<=30	Pass
		Outer_Full	22.96	/	/	26.01	/	/	<=30	Pass
		Inner_Full	23.44	/	/	26.49	/	/	<=30	Pass
		Inner_1RB_Left	23.59	/	/	26.64	/	/	<=30	Pass
		Inner_1RB_Right	23.31	/	/	26.36	/	/	<=30	Pass
	1772.5	Edge_1RB_Left	22.93	/	/	25.98	/	/	<=30	Pass
		Edge_1RB_Right	22.89	/	/	25.94	/	/	<=30	Pass
		Outer_Full	22.89	/	/	25.94	/	/	<=30	Pass
		Inner_Full	23.44	/	/	26.49	/	/	<=30	Pass
		Inner_1RB_Left	23.41	/	/	26.46	/	/	<=30	Pass
		Inner_1RB_Right	23.27	/	/	26.32	/	/	<=30	Pass
DFT-s-OFDM QPSK	1717.5	Edge_1RB_Left	22.51	/	/	25.56	/	/	<=30	Pass
		Edge_1RB_Right	22.34	/	/	25.39	/	/	<=30	Pass
		Outer_Full	22.40	/	/	25.45	/	/	<=30	Pass
		Inner_Full	23.50	/	/	26.55	/	/	<=30	Pass
		Inner_1RB_Left	23.44	/	/	26.49	/	/	<=30	Pass
		Inner_1RB_Right	23.36	/	/	26.41	/	/	<=30	Pass
	1745	Edge_1RB_Left	22.60	/	/	25.65	/	/	<=30	Pass
		Edge_1RB_Right	22.35	/	/	25.40	/	/	<=30	Pass
		Outer_Full	22.39	/	/	25.44	/	/	<=30	Pass
		Inner_Full	23.44	/	/	26.49	/	/	<=30	Pass
		Inner_1RB_Left	23.65	/	/	26.70	/	/	<=30	Pass
		Inner_1RB_Right	23.42	/	/	26.47	/	/	<=30	Pass
	1772.5	Edge_1RB_Left	22.49	/	/	25.54	/	/	<=30	Pass
		Edge_1RB_Right	22.41	/	/	25.46	/	/	<=30	Pass
		Outer_Full	22.27	/	/	25.32	/	/	<=30	Pass
		Inner_Full	23.24	/	/	26.29	/	/	<=30	Pass
		Inner_1RB_Left	23.38	/	/	26.43	/	/	<=30	Pass
		Inner_1RB_Right	23.32	/	/	26.37	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	1717.5	Edge_1RB_Left	21.56	/	/	24.61	/	/	<=30	Pass
		Edge_1RB_Right	21.36	/	/	24.41	/	/	<=30	Pass
		Outer_Full	21.38	/	/	24.43	/	/	<=30	Pass
		Inner_Full	22.30	/	/	25.35	/	/	<=30	Pass
		Inner_1RB_Left	22.52	/	/	25.57	/	/	<=30	Pass
		Inner_1RB_Right	22.36	/	/	25.41	/	/	<=30	Pass
	1745	Edge_1RB_Left	21.56	/	/	24.61	/	/	<=30	Pass
		Edge_1RB_Right	21.36	/	/	24.41	/	/	<=30	Pass
		Outer_Full	21.42	/	/	24.47	/	/	<=30	Pass
		Inner_Full	22.42	/	/	25.47	/	/	<=30	Pass
		Inner_1RB_Left	22.53	/	/	25.58	/	/	<=30	Pass
		Inner_1RB_Right	22.38	/	/	25.43	/	/	<=30	Pass
	1772.5	Edge_1RB_Left	21.47	/	/	24.52	/	/	<=30	Pass
		Edge_1RB_Right	21.39	/	/	24.44	/	/	<=30	Pass

		Outer_Full	21.52	/	/	24.57	/	/	<=30	Pass
		Inner_Full	22.22	/	/	25.27	/	/	<=30	Pass
		Inner_1RB_Left	22.43	/	/	25.48	/	/	<=30	Pass
		Inner_1RB_Right	22.29	/	/	25.34	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	1717.5	Edge_1RB_Left	21.24	/	/	24.29	/	/	<=30	Pass
		Edge_1RB_Right	21.03	/	/	24.08	/	/	<=30	Pass
		Outer_Full	20.97	/	/	24.02	/	/	<=30	Pass
		Inner_Full	20.98	/	/	24.03	/	/	<=30	Pass
		Inner_1RB_Left	21.24	/	/	24.29	/	/	<=30	Pass
		Inner_1RB_Right	21.08	/	/	24.13	/	/	<=30	Pass
		Edge_1RB_Left	21.35	/	/	24.40	/	/	<=30	Pass
		Edge_1RB_Right	21.05	/	/	24.10	/	/	<=30	Pass
	1745	Outer_Full	21.00	/	/	24.05	/	/	<=30	Pass
		Inner_Full	21.03	/	/	24.08	/	/	<=30	Pass
		Inner_1RB_Left	21.31	/	/	24.36	/	/	<=30	Pass
		Inner_1RB_Right	21.05	/	/	24.10	/	/	<=30	Pass
		Edge_1RB_Left	21.21	/	/	24.26	/	/	<=30	Pass
		Edge_1RB_Right	21.05	/	/	24.10	/	/	<=30	Pass
		Outer_Full	21.00	/	/	24.05	/	/	<=30	Pass
		Inner_Full	20.98	/	/	24.03	/	/	<=30	Pass
	1772.5	Inner_1RB_Left	21.32	/	/	24.37	/	/	<=30	Pass
		Inner_1RB_Right	21.07	/	/	24.12	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	1717.5	Edge_1RB_Left	18.60	/	/	21.65	/	/	<=30	Pass
		Edge_1RB_Right	18.41	/	/	21.46	/	/	<=30	Pass
		Outer_Full	18.87	/	/	21.92	/	/	<=30	Pass
		Inner_Full	18.87	/	/	21.92	/	/	<=30	Pass
		Inner_1RB_Left	18.60	/	/	21.65	/	/	<=30	Pass
		Inner_1RB_Right	18.27	/	/	21.32	/	/	<=30	Pass
	1745	Edge_1RB_Left	18.57	/	/	21.62	/	/	<=30	Pass
		Edge_1RB_Right	18.30	/	/	21.35	/	/	<=30	Pass
		Outer_Full	18.93	/	/	21.98	/	/	<=30	Pass
		Inner_Full	18.95	/	/	22.00	/	/	<=30	Pass
		Inner_1RB_Left	18.62	/	/	21.67	/	/	<=30	Pass
		Inner_1RB_Right	18.39	/	/	21.44	/	/	<=30	Pass
	1772.5	Edge_1RB_Left	18.53	/	/	21.58	/	/	<=30	Pass
		Edge_1RB_Right	18.34	/	/	21.39	/	/	<=30	Pass
		Outer_Full	18.85	/	/	21.90	/	/	<=30	Pass
		Inner_Full	18.84	/	/	21.89	/	/	<=30	Pass
		Inner_1RB_Left	18.53	/	/	21.58	/	/	<=30	Pass
		Inner_1RB_Right	18.47	/	/	21.52	/	/	<=30	Pass
CP-OFDM QPSK	1717.5	Edge_1RB_Left	20.71	/	/	23.76	/	/	<=30	Pass
		Edge_1RB_Right	20.44	/	/	23.49	/	/	<=30	Pass
		Outer_Full	20.35	/	/	23.40	/	/	<=30	Pass
		Inner_Full	21.78	/	/	24.83	/	/	<=30	Pass
		Inner_1RB_Left	22.04	/	/	25.09	/	/	<=30	Pass
		Inner_1RB_Right	21.84	/	/	24.89	/	/	<=30	Pass
	1745	Edge_1RB_Left	20.75	/	/	23.80	/	/	<=30	Pass
		Edge_1RB_Right	20.46	/	/	23.51	/	/	<=30	Pass
		Outer_Full	20.42	/	/	23.47	/	/	<=30	Pass
		Inner_Full	21.85	/	/	24.90	/	/	<=30	Pass
		Inner_1RB_Left	22.14	/	/	25.19	/	/	<=30	Pass
		Inner_1RB_Right	21.96	/	/	25.01	/	/	<=30	Pass
	1772.5	Edge_1RB_Left	20.64	/	/	23.69	/	/	<=30	Pass
		Edge_1RB_Right	20.40	/	/	23.45	/	/	<=30	Pass
		Outer_Full	20.45	/	/	23.50	/	/	<=30	Pass
		Inner_Full	21.77	/	/	24.82	/	/	<=30	Pass
		Inner_1RB_Left	22.02	/	/	25.07	/	/	<=30	Pass
		Inner_1RB_Right	21.92	/	/	24.97	/	/	<=30	Pass

CP-OFDM 16 QAM	1717.5	Edge_1RB_Left	20.46	/	/	23.51	/	/	<=30	Pass
		Edge_1RB_Right	20.23	/	/	23.28	/	/	<=30	Pass
		Outer_Full	20.37	/	/	23.42	/	/	<=30	Pass
		Inner_Full	21.40	/	/	24.45	/	/	<=30	Pass
		Inner_1RB_Left	21.40	/	/	24.45	/	/	<=30	Pass
		Inner_1RB_Right	21.29	/	/	24.34	/	/	<=30	Pass
	1745	Edge_1RB_Left	20.55	/	/	23.60	/	/	<=30	Pass
		Edge_1RB_Right	20.23	/	/	23.28	/	/	<=30	Pass
		Outer_Full	20.45	/	/	23.50	/	/	<=30	Pass
		Inner_Full	21.47	/	/	24.52	/	/	<=30	Pass
		Inner_1RB_Left	21.60	/	/	24.65	/	/	<=30	Pass
		Inner_1RB_Right	21.28	/	/	24.33	/	/	<=30	Pass
	1772.5	Edge_1RB_Left	20.43	/	/	23.48	/	/	<=30	Pass
		Edge_1RB_Right	20.30	/	/	23.35	/	/	<=30	Pass
		Outer_Full	20.49	/	/	23.54	/	/	<=30	Pass
		Inner_Full	21.33	/	/	24.38	/	/	<=30	Pass
		Inner_1RB_Left	21.47	/	/	24.52	/	/	<=30	Pass
		Inner_1RB_Right	21.33	/	/	24.38	/	/	<=30	Pass
CP-OFDM 64 QAM	1717.5	Edge_1RB_Left	19.96	/	/	23.01	/	/	<=30	Pass
		Edge_1RB_Right	19.84	/	/	22.89	/	/	<=30	Pass
		Outer_Full	19.94	/	/	22.99	/	/	<=30	Pass
		Inner_Full	19.92	/	/	22.97	/	/	<=30	Pass
		Inner_1RB_Left	20.00	/	/	23.05	/	/	<=30	Pass
		Inner_1RB_Right	19.79	/	/	22.84	/	/	<=30	Pass
	1745	Edge_1RB_Left	20.14	/	/	23.19	/	/	<=30	Pass
		Edge_1RB_Right	19.84	/	/	22.89	/	/	<=30	Pass
		Outer_Full	20.00	/	/	23.05	/	/	<=30	Pass
		Inner_Full	19.98	/	/	23.03	/	/	<=30	Pass
		Inner_1RB_Left	20.09	/	/	23.14	/	/	<=30	Pass
		Inner_1RB_Right	19.97	/	/	23.02	/	/	<=30	Pass
	1772.5	Edge_1RB_Left	19.99	/	/	23.04	/	/	<=30	Pass
		Edge_1RB_Right	19.89	/	/	22.94	/	/	<=30	Pass
		Outer_Full	19.86	/	/	22.91	/	/	<=30	Pass
		Inner_Full	19.82	/	/	22.87	/	/	<=30	Pass
		Inner_1RB_Left	20.00	/	/	23.05	/	/	<=30	Pass
		Inner_1RB_Right	19.92	/	/	22.97	/	/	<=30	Pass
CP-OFDM 256 QAM	1717.5	Edge_1RB_Left	16.72	/	/	19.77	/	/	<=30	Pass
		Edge_1RB_Right	16.46	/	/	19.51	/	/	<=30	Pass
		Outer_Full	16.92	/	/	19.97	/	/	<=30	Pass
		Inner_Full	16.93	/	/	19.98	/	/	<=30	Pass
		Inner_1RB_Left	16.62	/	/	19.67	/	/	<=30	Pass
		Inner_1RB_Right	16.61	/	/	19.66	/	/	<=30	Pass
	1745	Edge_1RB_Left	16.71	/	/	19.76	/	/	<=30	Pass
		Edge_1RB_Right	16.53	/	/	19.58	/	/	<=30	Pass
		Outer_Full	17.03	/	/	20.08	/	/	<=30	Pass
		Inner_Full	17.02	/	/	20.07	/	/	<=30	Pass
		Inner_1RB_Left	16.70	/	/	19.75	/	/	<=30	Pass
		Inner_1RB_Right	16.54	/	/	19.59	/	/	<=30	Pass
	1772.5	Edge_1RB_Left	16.58	/	/	19.63	/	/	<=30	Pass
		Edge_1RB_Right	16.50	/	/	19.55	/	/	<=30	Pass
		Outer_Full	16.86	/	/	19.91	/	/	<=30	Pass
		Inner_Full	16.90	/	/	19.95	/	/	<=30	Pass
		Inner_1RB_Left	16.58	/	/	19.63	/	/	<=30	Pass
		Inner_1RB_Right	16.51	/	/	19.56	/	/	<=30	Pass
Note1: Antenna Gain: Ant1: 3.05dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.4 15k_SISO_20MHz_NTNV_EIRP

5G NR n66 SCS=15kHz SISO 20MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	1720	Edge_1RB_Left	22.94	/	/	25.99	/	/	<=30	Pass
		Edge_1RB_Right	22.74	/	/	25.79	/	/	<=30	Pass
		Outer_Full	22.92	/	/	25.97	/	/	<=30	Pass
		Inner_Full	23.39	/	/	26.44	/	/	<=30	Pass
		Inner_1RB_Left	23.50	/	/	26.55	/	/	<=30	Pass
		Inner_1RB_Right	23.28	/	/	26.33	/	/	<=30	Pass
	1745	Edge_1RB_Left	23.00	/	/	26.05	/	/	<=30	Pass
		Edge_1RB_Right	22.69	/	/	25.74	/	/	<=30	Pass
		Outer_Full	23.12	/	/	26.17	/	/	<=30	Pass
		Inner_Full	23.42	/	/	26.47	/	/	<=30	Pass
		Inner_1RB_Left	23.42	/	/	26.47	/	/	<=30	Pass
		Inner_1RB_Right	23.45	/	/	26.50	/	/	<=30	Pass
	1770	Edge_1RB_Left	22.89	/	/	25.94	/	/	<=30	Pass
		Edge_1RB_Right	22.80	/	/	25.85	/	/	<=30	Pass
		Outer_Full	22.87	/	/	25.92	/	/	<=30	Pass
		Inner_Full	23.46	/	/	26.51	/	/	<=30	Pass
		Inner_1RB_Left	23.51	/	/	26.56	/	/	<=30	Pass
		Inner_1RB_Right	23.33	/	/	26.38	/	/	<=30	Pass
DFT-s-OFDM QPSK	1720	Edge_1RB_Left	22.53	/	/	25.58	/	/	<=30	Pass
		Edge_1RB_Right	22.14	/	/	25.19	/	/	<=30	Pass
		Outer_Full	22.44	/	/	25.49	/	/	<=30	Pass
		Inner_Full	23.40	/	/	26.45	/	/	<=30	Pass
		Inner_1RB_Left	23.48	/	/	26.53	/	/	<=30	Pass
		Inner_1RB_Right	23.27	/	/	26.32	/	/	<=30	Pass
	1745	Edge_1RB_Left	22.55	/	/	25.60	/	/	<=30	Pass
		Edge_1RB_Right	22.27	/	/	25.32	/	/	<=30	Pass
		Outer_Full	22.53	/	/	25.58	/	/	<=30	Pass
		Inner_Full	23.42	/	/	26.47	/	/	<=30	Pass
		Inner_1RB_Left	23.51	/	/	26.56	/	/	<=30	Pass
		Inner_1RB_Right	23.24	/	/	26.29	/	/	<=30	Pass
	1770	Edge_1RB_Left	22.36	/	/	25.41	/	/	<=30	Pass
		Edge_1RB_Right	22.31	/	/	25.36	/	/	<=30	Pass
		Outer_Full	22.43	/	/	25.48	/	/	<=30	Pass
		Inner_Full	23.37	/	/	26.42	/	/	<=30	Pass
		Inner_1RB_Left	23.37	/	/	26.42	/	/	<=30	Pass
		Inner_1RB_Right	23.34	/	/	26.39	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	1720	Edge_1RB_Left	21.48	/	/	24.53	/	/	<=30	Pass
		Edge_1RB_Right	21.18	/	/	24.23	/	/	<=30	Pass
		Outer_Full	21.32	/	/	24.37	/	/	<=30	Pass
		Inner_Full	22.19	/	/	25.24	/	/	<=30	Pass
		Inner_1RB_Left	22.41	/	/	25.46	/	/	<=30	Pass
		Inner_1RB_Right	22.20	/	/	25.25	/	/	<=30	Pass
	1745	Edge_1RB_Left	21.61	/	/	24.66	/	/	<=30	Pass
		Edge_1RB_Right	21.26	/	/	24.31	/	/	<=30	Pass
		Outer_Full	21.48	/	/	24.53	/	/	<=30	Pass
		Inner_Full	22.41	/	/	25.46	/	/	<=30	Pass
		Inner_1RB_Left	22.40	/	/	25.45	/	/	<=30	Pass
		Inner_1RB_Right	22.18	/	/	25.23	/	/	<=30	Pass
	1770	Edge_1RB_Left	21.52	/	/	24.57	/	/	<=30	Pass
		Edge_1RB_Right	21.34	/	/	24.39	/	/	<=30	Pass
		Outer_Full	21.34	/	/	24.39	/	/	<=30	Pass
		Inner_Full	22.30	/	/	25.35	/	/	<=30	Pass

		Inner_1RB_Left	22.34	/	/	25.39	/	/	<=30	Pass
		Inner_1RB_Right	22.28	/	/	25.33	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	1720	Edge_1RB_Left	20.95	/	/	24.00	/	/	<=30	Pass
		Edge_1RB_Right	20.78	/	/	23.83	/	/	<=30	Pass
		Outer_Full	20.95	/	/	24.00	/	/	<=30	Pass
		Inner_Full	20.93	/	/	23.98	/	/	<=30	Pass
		Inner_1RB_Left	21.02	/	/	24.07	/	/	<=30	Pass
		Inner_1RB_Right	20.79	/	/	23.84	/	/	<=30	Pass
	1745	Edge_1RB_Left	21.24	/	/	24.29	/	/	<=30	Pass
		Edge_1RB_Right	20.97	/	/	24.02	/	/	<=30	Pass
		Outer_Full	21.11	/	/	24.16	/	/	<=30	Pass
		Inner_Full	21.05	/	/	24.10	/	/	<=30	Pass
		Inner_1RB_Left	21.25	/	/	24.30	/	/	<=30	Pass
		Inner_1RB_Right	20.94	/	/	23.99	/	/	<=30	Pass
	1770	Edge_1RB_Left	21.25	/	/	24.30	/	/	<=30	Pass
		Edge_1RB_Right	21.06	/	/	24.11	/	/	<=30	Pass
		Outer_Full	20.95	/	/	24.00	/	/	<=30	Pass
		Inner_Full	21.00	/	/	24.05	/	/	<=30	Pass
		Inner_1RB_Left	21.16	/	/	24.21	/	/	<=30	Pass
		Inner_1RB_Right	21.04	/	/	24.09	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	1720	Edge_1RB_Left	18.43	/	/	21.48	/	/	<=30	Pass
		Edge_1RB_Right	18.27	/	/	21.32	/	/	<=30	Pass
		Outer_Full	18.89	/	/	21.94	/	/	<=30	Pass
		Inner_Full	18.82	/	/	21.87	/	/	<=30	Pass
		Inner_1RB_Left	18.38	/	/	21.43	/	/	<=30	Pass
		Inner_1RB_Right	18.23	/	/	21.28	/	/	<=30	Pass
	1745	Edge_1RB_Left	18.56	/	/	21.61	/	/	<=30	Pass
		Edge_1RB_Right	18.25	/	/	21.30	/	/	<=30	Pass
		Outer_Full	19.04	/	/	22.09	/	/	<=30	Pass
		Inner_Full	19.03	/	/	22.08	/	/	<=30	Pass
		Inner_1RB_Left	18.56	/	/	21.61	/	/	<=30	Pass
		Inner_1RB_Right	18.23	/	/	21.28	/	/	<=30	Pass
	1770	Edge_1RB_Left	18.40	/	/	21.45	/	/	<=30	Pass
		Edge_1RB_Right	18.28	/	/	21.33	/	/	<=30	Pass
		Outer_Full	18.94	/	/	21.99	/	/	<=30	Pass
		Inner_Full	18.92	/	/	21.97	/	/	<=30	Pass
		Inner_1RB_Left	18.50	/	/	21.55	/	/	<=30	Pass
		Inner_1RB_Right	18.38	/	/	21.43	/	/	<=30	Pass
CP-OFDM QPSK	1720	Edge_1RB_Left	20.58	/	/	23.63	/	/	<=30	Pass
		Edge_1RB_Right	20.36	/	/	23.41	/	/	<=30	Pass
		Outer_Full	20.45	/	/	23.50	/	/	<=30	Pass
		Inner_Full	21.75	/	/	24.80	/	/	<=30	Pass
		Inner_1RB_Left	22.13	/	/	25.18	/	/	<=30	Pass
		Inner_1RB_Right	21.84	/	/	24.89	/	/	<=30	Pass
	1745	Edge_1RB_Left	20.68	/	/	23.73	/	/	<=30	Pass
		Edge_1RB_Right	20.40	/	/	23.45	/	/	<=30	Pass
		Outer_Full	20.58	/	/	23.63	/	/	<=30	Pass
		Inner_Full	21.83	/	/	24.88	/	/	<=30	Pass
		Inner_1RB_Left	22.08	/	/	25.13	/	/	<=30	Pass
		Inner_1RB_Right	22.03	/	/	25.08	/	/	<=30	Pass
	1770	Edge_1RB_Left	20.54	/	/	23.59	/	/	<=30	Pass
		Edge_1RB_Right	20.46	/	/	23.51	/	/	<=30	Pass
		Outer_Full	20.38	/	/	23.43	/	/	<=30	Pass
		Inner_Full	21.79	/	/	24.84	/	/	<=30	Pass
		Inner_1RB_Left	22.15	/	/	25.20	/	/	<=30	Pass
		Inner_1RB_Right	22.00	/	/	25.05	/	/	<=30	Pass
CP-OFDM 16 QAM	1720	Edge_1RB_Left	20.49	/	/	23.54	/	/	<=30	Pass
		Edge_1RB_Right	20.25	/	/	23.30	/	/	<=30	Pass

CP-OFDM 64 QAM		Outer_Full	20.32	/	/	23.37	/	/	<=30	Pass
		Inner_Full	21.23	/	/	24.28	/	/	<=30	Pass
		Inner_1RB_Left	21.61	/	/	24.66	/	/	<=30	Pass
		Inner_1RB_Right	21.31	/	/	24.36	/	/	<=30	Pass
	1745	Edge_1RB_Left	20.46	/	/	23.51	/	/	<=30	Pass
		Edge_1RB_Right	20.20	/	/	23.25	/	/	<=30	Pass
		Outer_Full	20.43	/	/	23.48	/	/	<=30	Pass
		Inner_Full	21.44	/	/	24.49	/	/	<=30	Pass
	1770	Inner_1RB_Left	21.54	/	/	24.59	/	/	<=30	Pass
		Inner_1RB_Right	21.33	/	/	24.38	/	/	<=30	Pass
		Edge_1RB_Left	20.35	/	/	23.40	/	/	<=30	Pass
		Edge_1RB_Right	20.24	/	/	23.29	/	/	<=30	Pass
		Outer_Full	20.29	/	/	23.34	/	/	<=30	Pass
		Inner_Full	21.35	/	/	24.40	/	/	<=30	Pass
		Inner_1RB_Left	21.48	/	/	24.53	/	/	<=30	Pass
		Inner_1RB_Right	21.28	/	/	24.33	/	/	<=30	Pass
CP-OFDM 256 QAM		Edge_1RB_Left	19.99	/	/	23.04	/	/	<=30	Pass
		Edge_1RB_Right	19.76	/	/	22.81	/	/	<=30	Pass
		Outer_Full	19.85	/	/	22.90	/	/	<=30	Pass
		Inner_Full	19.81	/	/	22.86	/	/	<=30	Pass
	1720	Inner_1RB_Left	20.03	/	/	23.08	/	/	<=30	Pass
		Inner_1RB_Right	19.77	/	/	22.82	/	/	<=30	Pass
	1745	Edge_1RB_Left	20.07	/	/	23.12	/	/	<=30	Pass
		Edge_1RB_Right	19.75	/	/	22.80	/	/	<=30	Pass
		Outer_Full	19.97	/	/	23.02	/	/	<=30	Pass
		Inner_Full	19.99	/	/	23.04	/	/	<=30	Pass
	1770	Inner_1RB_Left	20.05	/	/	23.10	/	/	<=30	Pass
		Inner_1RB_Right	19.81	/	/	22.86	/	/	<=30	Pass
		Edge_1RB_Left	19.99	/	/	23.04	/	/	<=30	Pass
		Edge_1RB_Right	19.82	/	/	22.87	/	/	<=30	Pass
		Outer_Full	19.89	/	/	22.94	/	/	<=30	Pass
		Inner_Full	19.89	/	/	22.94	/	/	<=30	Pass
		Inner_1RB_Left	20.00	/	/	23.05	/	/	<=30	Pass
		Inner_1RB_Right	19.84	/	/	22.89	/	/	<=30	Pass
CP-OFDM 256 QAM		Edge_1RB_Left	16.62	/	/	19.67	/	/	<=30	Pass
		Edge_1RB_Right	16.34	/	/	19.39	/	/	<=30	Pass
		Outer_Full	16.88	/	/	19.93	/	/	<=30	Pass
		Inner_Full	16.81	/	/	19.86	/	/	<=30	Pass
	1720	Inner_1RB_Left	16.58	/	/	19.63	/	/	<=30	Pass
		Inner_1RB_Right	16.36	/	/	19.41	/	/	<=30	Pass
	1745	Edge_1RB_Left	16.75	/	/	19.80	/	/	<=30	Pass
		Edge_1RB_Right	16.36	/	/	19.41	/	/	<=30	Pass
		Outer_Full	17.04	/	/	20.09	/	/	<=30	Pass
		Inner_Full	17.04	/	/	20.09	/	/	<=30	Pass
	1770	Inner_1RB_Left	16.64	/	/	19.69	/	/	<=30	Pass
		Inner_1RB_Right	16.34	/	/	19.39	/	/	<=30	Pass
		Edge_1RB_Left	16.63	/	/	19.68	/	/	<=30	Pass
		Edge_1RB_Right	16.44	/	/	19.49	/	/	<=30	Pass
		Outer_Full	16.91	/	/	19.96	/	/	<=30	Pass
		Inner_Full	16.97	/	/	20.02	/	/	<=30	Pass
		Inner_1RB_Left	16.64	/	/	19.69	/	/	<=30	Pass
		Inner_1RB_Right	16.46	/	/	19.51	/	/	<=30	Pass

Note1: Antenna Gain: Ant1: 3.05dBi;

Note2: EIRP=Conducted Power+Antenna Gain

1.1.5 15k_SISO_25MHz_NTNV_EIRP

5G NR n66 SCS=15kHz SISO 25MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	1722.5	Edge 1RB Left	22.99	/	/	26.04	/	/	<=30	Pass
		Edge 1RB Right	22.85	/	/	25.90	/	/	<=30	Pass
		Outer Full	22.87	/	/	25.92	/	/	<=30	Pass
		Inner Full	23.44	/	/	26.49	/	/	<=30	Pass
		Inner 1RB Left	23.52	/	/	26.57	/	/	<=30	Pass
		Inner 1RB Right	23.24	/	/	26.29	/	/	<=30	Pass
	1745	Edge 1RB Left	23.21	/	/	26.26	/	/	<=30	Pass
		Edge 1RB Right	22.78	/	/	25.83	/	/	<=30	Pass
		Outer Full	23.05	/	/	26.10	/	/	<=30	Pass
		Inner Full	23.65	/	/	26.70	/	/	<=30	Pass
		Inner 1RB Left	23.55	/	/	26.60	/	/	<=30	Pass
		Inner 1RB Right	23.30	/	/	26.35	/	/	<=30	Pass
	1767.5	Edge 1RB Left	23.15	/	/	26.20	/	/	<=30	Pass
		Edge 1RB Right	22.85	/	/	25.90	/	/	<=30	Pass
		Outer Full	23.00	/	/	26.05	/	/	<=30	Pass
		Inner Full	23.45	/	/	26.50	/	/	<=30	Pass
		Inner 1RB Left	23.49	/	/	26.54	/	/	<=30	Pass
		Inner 1RB Right	23.39	/	/	26.44	/	/	<=30	Pass
DFT-s-OFDM QPSK	1722.5	Edge 1RB Left	22.53	/	/	25.58	/	/	<=30	Pass
		Edge 1RB Right	22.27	/	/	25.32	/	/	<=30	Pass
		Outer Full	22.27	/	/	25.32	/	/	<=30	Pass
		Inner Full	23.34	/	/	26.39	/	/	<=30	Pass
		Inner 1RB Left	23.62	/	/	26.67	/	/	<=30	Pass
		Inner 1RB Right	23.35	/	/	26.40	/	/	<=30	Pass
	1745	Edge 1RB Left	22.77	/	/	25.82	/	/	<=30	Pass
		Edge 1RB Right	22.34	/	/	25.39	/	/	<=30	Pass
		Outer Full	22.52	/	/	25.57	/	/	<=30	Pass
		Inner Full	23.48	/	/	26.53	/	/	<=30	Pass
		Inner 1RB Left	23.69	/	/	26.74	/	/	<=30	Pass
		Inner 1RB Right	23.26	/	/	26.31	/	/	<=30	Pass
	1767.5	Edge 1RB Left	22.64	/	/	25.69	/	/	<=30	Pass
		Edge 1RB Right	22.36	/	/	25.41	/	/	<=30	Pass
		Outer Full	22.50	/	/	25.55	/	/	<=30	Pass
		Inner Full	23.38	/	/	26.43	/	/	<=30	Pass
		Inner 1RB Left	23.55	/	/	26.60	/	/	<=30	Pass
		Inner 1RB Right	23.40	/	/	26.45	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	1722.5	Edge 1RB Left	21.67	/	/	24.72	/	/	<=30	Pass
		Edge 1RB Right	21.35	/	/	24.40	/	/	<=30	Pass
		Outer Full	21.35	/	/	24.40	/	/	<=30	Pass
		Inner Full	22.36	/	/	25.41	/	/	<=30	Pass
		Inner 1RB Left	22.64	/	/	25.69	/	/	<=30	Pass
		Inner 1RB Right	22.34	/	/	25.39	/	/	<=30	Pass
	1745	Edge 1RB Left	21.68	/	/	24.73	/	/	<=30	Pass
		Edge 1RB Right	21.35	/	/	24.40	/	/	<=30	Pass
		Outer Full	21.47	/	/	24.52	/	/	<=30	Pass
		Inner Full	22.48	/	/	25.53	/	/	<=30	Pass
		Inner 1RB Left	22.63	/	/	25.68	/	/	<=30	Pass
		Inner 1RB Right	22.25	/	/	25.30	/	/	<=30	Pass
	1767.5	Edge 1RB Left	21.65	/	/	24.70	/	/	<=30	Pass
		Edge 1RB Right	21.39	/	/	24.44	/	/	<=30	Pass
		Outer Full	21.44	/	/	24.49	/	/	<=30	Pass
		Inner Full	22.37	/	/	25.42	/	/	<=30	Pass
		Inner 1RB Left	22.60	/	/	25.65	/	/	<=30	Pass
		Inner 1RB Right	22.31	/	/	25.36	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	1722.5	Edge 1RB Left	21.19	/	/	24.24	/	/	<=30	Pass

		Edge_1RB_Right	21.06	/	/	24.11	/	/	<=30	Pass
		Outer_Full	20.91	/	/	23.96	/	/	<=30	Pass
		Inner_Full	21.06	/	/	24.11	/	/	<=30	Pass
		Inner_1RB_Left	21.20	/	/	24.25	/	/	<=30	Pass
	1745	Inner_1RB_Right	21.18	/	/	24.23	/	/	<=30	Pass
		Edge_1RB_Left	21.36	/	/	24.41	/	/	<=30	Pass
		Edge_1RB_Right	21.08	/	/	24.13	/	/	<=30	Pass
		Outer_Full	20.99	/	/	24.04	/	/	<=30	Pass
	1767.5	Inner_Full	21.14	/	/	24.19	/	/	<=30	Pass
		Inner_1RB_Left	21.36	/	/	24.41	/	/	<=30	Pass
		Inner_1RB_Right	20.99	/	/	24.04	/	/	<=30	Pass
		Edge_1RB_Left	21.29	/	/	24.34	/	/	<=30	Pass
	1767.5	Edge_1RB_Right	21.19	/	/	24.24	/	/	<=30	Pass
		Outer_Full	21.06	/	/	24.11	/	/	<=30	Pass
		Inner_Full	21.15	/	/	24.20	/	/	<=30	Pass
		Inner_1RB_Left	21.42	/	/	24.47	/	/	<=30	Pass
		Inner_1RB_Right	21.17	/	/	24.22	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	1722.5	Edge_1RB_Left	18.58	/	/	21.63	/	/	<=30	Pass
		Edge_1RB_Right	18.41	/	/	21.46	/	/	<=30	Pass
		Outer_Full	18.97	/	/	22.02	/	/	<=30	Pass
		Inner_Full	18.90	/	/	21.95	/	/	<=30	Pass
	1745	Inner_1RB_Left	18.64	/	/	21.69	/	/	<=30	Pass
		Inner_1RB_Right	18.32	/	/	21.37	/	/	<=30	Pass
		Edge_1RB_Left	18.69	/	/	21.74	/	/	<=30	Pass
		Edge_1RB_Right	18.31	/	/	21.36	/	/	<=30	Pass
	1767.5	Outer_Full	19.06	/	/	22.11	/	/	<=30	Pass
		Inner_Full	19.02	/	/	22.07	/	/	<=30	Pass
		Inner_1RB_Left	18.72	/	/	21.77	/	/	<=30	Pass
		Inner_1RB_Right	18.39	/	/	21.44	/	/	<=30	Pass
	1767.5	Edge_1RB_Left	18.56	/	/	21.61	/	/	<=30	Pass
		Edge_1RB_Right	18.45	/	/	21.50	/	/	<=30	Pass
		Outer_Full	19.07	/	/	22.12	/	/	<=30	Pass
		Inner_Full	19.02	/	/	22.07	/	/	<=30	Pass
CP-OFDM QPSK	1722.5	Inner_1RB_Left	18.62	/	/	21.67	/	/	<=30	Pass
		Inner_1RB_Right	18.35	/	/	21.40	/	/	<=30	Pass
	1745	Edge_1RB_Left	20.70	/	/	23.75	/	/	<=30	Pass
		Edge_1RB_Right	20.43	/	/	23.48	/	/	<=30	Pass
		Outer_Full	20.42	/	/	23.47	/	/	<=30	Pass
		Inner_Full	21.95	/	/	25.00	/	/	<=30	Pass
	1767.5	Inner_1RB_Left	22.15	/	/	25.20	/	/	<=30	Pass
		Inner_1RB_Right	21.89	/	/	24.94	/	/	<=30	Pass
	1745	Edge_1RB_Left	20.73	/	/	23.78	/	/	<=30	Pass
		Edge_1RB_Right	20.55	/	/	23.60	/	/	<=30	Pass
		Outer_Full	20.58	/	/	23.63	/	/	<=30	Pass
		Inner_Full	22.11	/	/	25.16	/	/	<=30	Pass
	1767.5	Inner_1RB_Left	22.20	/	/	25.25	/	/	<=30	Pass
		Inner_1RB_Right	21.93	/	/	24.98	/	/	<=30	Pass
	1745	Edge_1RB_Left	20.83	/	/	23.88	/	/	<=30	Pass
		Edge_1RB_Right	20.56	/	/	23.61	/	/	<=30	Pass
CP-OFDM 16 QAM	1722.5	Outer_Full	20.48	/	/	23.53	/	/	<=30	Pass
		Inner_Full	22.04	/	/	25.09	/	/	<=30	Pass
		Inner_1RB_Left	22.22	/	/	25.27	/	/	<=30	Pass
		Inner_1RB_Right	22.02	/	/	25.07	/	/	<=30	Pass
	1745	Edge_1RB_Left	20.61	/	/	23.66	/	/	<=30	Pass
		Edge_1RB_Right	20.31	/	/	23.36	/	/	<=30	Pass
	1722.5	Outer_Full	20.39	/	/	23.44	/	/	<=30	Pass
		Inner_Full	21.38	/	/	24.43	/	/	<=30	Pass
	1745	Inner_1RB_Left	21.53	/	/	24.58	/	/	<=30	Pass
		Inner_1RB_Right	21.53	/	/	24.58	/	/	<=30	Pass

	1745	Inner 1RB Right	21.23	/	/	24.28	/	/	<=30	Pass
		Edge 1RB Left	20.62	/	/	23.67	/	/	<=30	Pass
		Edge 1RB Right	20.33	/	/	23.38	/	/	<=30	Pass
		Outer Full	20.63	/	/	23.68	/	/	<=30	Pass
		Inner Full	21.52	/	/	24.57	/	/	<=30	Pass
		Inner 1RB Left	21.64	/	/	24.69	/	/	<=30	Pass
	1767.5	Inner 1RB Right	21.19	/	/	24.24	/	/	<=30	Pass
		Edge 1RB Left	20.63	/	/	23.68	/	/	<=30	Pass
		Edge 1RB Right	20.38	/	/	23.43	/	/	<=30	Pass
		Outer Full	20.52	/	/	23.57	/	/	<=30	Pass
		Inner Full	21.43	/	/	24.48	/	/	<=30	Pass
		Inner 1RB Left	21.57	/	/	24.62	/	/	<=30	Pass
CP-OFDM 64 QAM	1722.5	Inner 1RB Right	21.38	/	/	24.43	/	/	<=30	Pass
		Edge 1RB Left	20.16	/	/	23.21	/	/	<=30	Pass
		Edge 1RB Right	19.88	/	/	22.93	/	/	<=30	Pass
		Outer Full	19.93	/	/	22.98	/	/	<=30	Pass
		Inner Full	19.98	/	/	23.03	/	/	<=30	Pass
		Inner 1RB Left	20.25	/	/	23.30	/	/	<=30	Pass
	1745	Inner 1RB Right	19.85	/	/	22.90	/	/	<=30	Pass
		Edge 1RB Left	20.33	/	/	23.38	/	/	<=30	Pass
		Edge 1RB Right	19.92	/	/	22.97	/	/	<=30	Pass
		Outer Full	20.10	/	/	23.15	/	/	<=30	Pass
		Inner Full	20.13	/	/	23.18	/	/	<=30	Pass
		Inner 1RB Left	20.33	/	/	23.38	/	/	<=30	Pass
	1767.5	Inner 1RB Right	19.86	/	/	22.91	/	/	<=30	Pass
		Edge 1RB Left	20.10	/	/	23.15	/	/	<=30	Pass
		Edge 1RB Right	19.96	/	/	23.01	/	/	<=30	Pass
		Outer Full	20.02	/	/	23.07	/	/	<=30	Pass
		Inner Full	20.10	/	/	23.15	/	/	<=30	Pass
		Inner 1RB Left	20.18	/	/	23.23	/	/	<=30	Pass
CP-OFDM 256 QAM	1722.5	Inner 1RB Right	19.98	/	/	23.03	/	/	<=30	Pass
		Edge 1RB Left	16.68	/	/	19.73	/	/	<=30	Pass
		Edge 1RB Right	16.54	/	/	19.59	/	/	<=30	Pass
		Outer Full	17.05	/	/	20.10	/	/	<=30	Pass
		Inner Full	16.99	/	/	20.04	/	/	<=30	Pass
		Inner 1RB Left	16.65	/	/	19.70	/	/	<=30	Pass
	1745	Inner 1RB Right	16.47	/	/	19.52	/	/	<=30	Pass
		Edge 1RB Left	16.85	/	/	19.90	/	/	<=30	Pass
		Edge 1RB Right	16.48	/	/	19.53	/	/	<=30	Pass
		Outer Full	17.13	/	/	20.18	/	/	<=30	Pass
		Inner Full	17.07	/	/	20.12	/	/	<=30	Pass
		Inner 1RB Left	16.86	/	/	19.91	/	/	<=30	Pass
	1767.5	Inner 1RB Right	16.42	/	/	19.47	/	/	<=30	Pass
		Edge 1RB Left	16.86	/	/	19.91	/	/	<=30	Pass
		Edge 1RB Right	16.59	/	/	19.64	/	/	<=30	Pass
		Outer Full	17.00	/	/	20.05	/	/	<=30	Pass
		Inner Full	17.05	/	/	20.10	/	/	<=30	Pass
		Inner 1RB Left	16.78	/	/	19.83	/	/	<=30	Pass
		Inner 1RB Right	16.52	/	/	19.57	/	/	<=30	Pass
Note1: Antenna Gain: Ant1: 3.05dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.6 15k_SISO_30MHz_NTNV_EIRP

5G NR n66 SCS=15kHz SISO 30MHz NTN					
Modulation	Frequency	RB	Conducted Power(dBm)	EIRP(dBm)	Verdict

	(MHz)	Allocation	Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	1725	Edge_1RB_Left	23.06	/	/	26.11	/	/	<=30	Pass
		Edge_1RB_Right	23.01	/	/	26.06	/	/	<=30	Pass
		Outer_Full	22.92	/	/	25.97	/	/	<=30	Pass
		Inner_Full	23.62	/	/	26.67	/	/	<=30	Pass
		Inner_1RB_Left	23.64	/	/	26.69	/	/	<=30	Pass
		Inner_1RB_Right	23.66	/	/	26.71	/	/	<=30	Pass
	1745	Edge_1RB_Left	23.08	/	/	26.13	/	/	<=30	Pass
		Edge_1RB_Right	23.00	/	/	26.05	/	/	<=30	Pass
		Outer_Full	23.03	/	/	26.08	/	/	<=30	Pass
		Inner_Full	23.47	/	/	26.52	/	/	<=30	Pass
		Inner_1RB_Left	23.69	/	/	26.74	/	/	<=30	Pass
		Inner_1RB_Right	23.56	/	/	26.61	/	/	<=30	Pass
	1765	Edge_1RB_Left	23.04	/	/	26.09	/	/	<=30	Pass
		Edge_1RB_Right	23.07	/	/	26.12	/	/	<=30	Pass
		Outer_Full	23.04	/	/	26.09	/	/	<=30	Pass
		Inner_Full	23.54	/	/	26.59	/	/	<=30	Pass
		Inner_1RB_Left	23.65	/	/	26.70	/	/	<=30	Pass
		Inner_1RB_Right	23.65	/	/	26.70	/	/	<=30	Pass
DFT-s-OFDM QPSK	1725	Edge_1RB_Left	22.63	/	/	25.68	/	/	<=30	Pass
		Edge_1RB_Right	22.50	/	/	25.55	/	/	<=30	Pass
		Outer_Full	22.48	/	/	25.53	/	/	<=30	Pass
		Inner_Full	23.52	/	/	26.57	/	/	<=30	Pass
		Inner_1RB_Left	23.64	/	/	26.69	/	/	<=30	Pass
		Inner_1RB_Right	23.63	/	/	26.68	/	/	<=30	Pass
	1745	Edge_1RB_Left	22.52	/	/	25.57	/	/	<=30	Pass
		Edge_1RB_Right	22.52	/	/	25.57	/	/	<=30	Pass
		Outer_Full	22.43	/	/	25.48	/	/	<=30	Pass
		Inner_Full	23.45	/	/	26.50	/	/	<=30	Pass
		Inner_1RB_Left	23.54	/	/	26.59	/	/	<=30	Pass
		Inner_1RB_Right	23.54	/	/	26.59	/	/	<=30	Pass
	1765	Edge_1RB_Left	22.59	/	/	25.64	/	/	<=30	Pass
		Edge_1RB_Right	22.52	/	/	25.57	/	/	<=30	Pass
		Outer_Full	22.40	/	/	25.45	/	/	<=30	Pass
		Inner_Full	23.46	/	/	26.51	/	/	<=30	Pass
		Inner_1RB_Left	23.56	/	/	26.61	/	/	<=30	Pass
		Inner_1RB_Right	23.55	/	/	26.60	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	1725	Edge_1RB_Left	21.58	/	/	24.63	/	/	<=30	Pass
		Edge_1RB_Right	21.60	/	/	24.65	/	/	<=30	Pass
		Outer_Full	21.43	/	/	24.48	/	/	<=30	Pass
		Inner_Full	22.53	/	/	25.58	/	/	<=30	Pass
		Inner_1RB_Left	22.59	/	/	25.64	/	/	<=30	Pass
		Inner_1RB_Right	22.53	/	/	25.58	/	/	<=30	Pass
	1745	Edge_1RB_Left	21.50	/	/	24.55	/	/	<=30	Pass
		Edge_1RB_Right	21.52	/	/	24.57	/	/	<=30	Pass
		Outer_Full	21.48	/	/	24.53	/	/	<=30	Pass
		Inner_Full	22.41	/	/	25.46	/	/	<=30	Pass
		Inner_1RB_Left	22.67	/	/	25.72	/	/	<=30	Pass
		Inner_1RB_Right	22.47	/	/	25.52	/	/	<=30	Pass
	1765	Edge_1RB_Left	21.59	/	/	24.64	/	/	<=30	Pass
		Edge_1RB_Right	21.60	/	/	24.65	/	/	<=30	Pass
		Outer_Full	21.43	/	/	24.48	/	/	<=30	Pass
		Inner_Full	22.39	/	/	25.44	/	/	<=30	Pass
		Inner_1RB_Left	22.57	/	/	25.62	/	/	<=30	Pass
		Inner_1RB_Right	22.57	/	/	25.62	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	1725	Edge_1RB_Left	21.30	/	/	24.35	/	/	<=30	Pass
		Edge_1RB_Right	21.21	/	/	24.26	/	/	<=30	Pass
		Outer_Full	21.09	/	/	24.14	/	/	<=30	Pass

		Inner_Full	21.17	/	/	24.22	/	/	<=30	Pass
		Inner_1RB_Left	21.30	/	/	24.35	/	/	<=30	Pass
		Inner_1RB_Right	21.28	/	/	24.33	/	/	<=30	Pass
	1745	Edge_1RB_Left	21.20	/	/	24.25	/	/	<=30	Pass
		Edge_1RB_Right	21.28	/	/	24.33	/	/	<=30	Pass
		Outer_Full	21.10	/	/	24.15	/	/	<=30	Pass
		Inner_Full	21.16	/	/	24.21	/	/	<=30	Pass
		Inner_1RB_Left	21.23	/	/	24.28	/	/	<=30	Pass
		Inner_1RB_Right	21.23	/	/	24.28	/	/	<=30	Pass
	1765	Edge_1RB_Left	21.28	/	/	24.33	/	/	<=30	Pass
		Edge_1RB_Right	21.28	/	/	24.33	/	/	<=30	Pass
		Outer_Full	21.08	/	/	24.13	/	/	<=30	Pass
		Inner_Full	21.06	/	/	24.11	/	/	<=30	Pass
		Inner_1RB_Left	21.26	/	/	24.31	/	/	<=30	Pass
		Inner_1RB_Right	21.30	/	/	24.35	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	1725	Edge_1RB_Left	18.82	/	/	21.87	/	/	<=30	Pass
		Edge_1RB_Right	18.38	/	/	21.43	/	/	<=30	Pass
		Outer_Full	18.99	/	/	22.04	/	/	<=30	Pass
		Inner_Full	19.07	/	/	22.12	/	/	<=30	Pass
		Inner_1RB_Left	18.71	/	/	21.76	/	/	<=30	Pass
		Inner_1RB_Right	18.41	/	/	21.46	/	/	<=30	Pass
	1745	Edge_1RB_Left	18.71	/	/	21.76	/	/	<=30	Pass
		Edge_1RB_Right	18.35	/	/	21.40	/	/	<=30	Pass
		Outer_Full	19.09	/	/	22.14	/	/	<=30	Pass
		Inner_Full	19.07	/	/	22.12	/	/	<=30	Pass
		Inner_1RB_Left	18.74	/	/	21.79	/	/	<=30	Pass
		Inner_1RB_Right	18.32	/	/	21.37	/	/	<=30	Pass
	1765	Edge_1RB_Left	18.74	/	/	21.79	/	/	<=30	Pass
		Edge_1RB_Right	18.45	/	/	21.50	/	/	<=30	Pass
		Outer_Full	19.11	/	/	22.16	/	/	<=30	Pass
		Inner_Full	19.02	/	/	22.07	/	/	<=30	Pass
		Inner_1RB_Left	18.76	/	/	21.81	/	/	<=30	Pass
		Inner_1RB_Right	18.32	/	/	21.37	/	/	<=30	Pass
CP-OFDM QPSK	1725	Edge_1RB_Left	20.67	/	/	23.72	/	/	<=30	Pass
		Edge_1RB_Right	20.61	/	/	23.66	/	/	<=30	Pass
		Outer_Full	20.54	/	/	23.59	/	/	<=30	Pass
		Inner_Full	21.91	/	/	24.96	/	/	<=30	Pass
		Inner_1RB_Left	22.16	/	/	25.21	/	/	<=30	Pass
		Inner_1RB_Right	22.17	/	/	25.22	/	/	<=30	Pass
	1745	Edge_1RB_Left	20.62	/	/	23.67	/	/	<=30	Pass
		Edge_1RB_Right	20.64	/	/	23.69	/	/	<=30	Pass
		Outer_Full	20.57	/	/	23.62	/	/	<=30	Pass
		Inner_Full	22.05	/	/	25.10	/	/	<=30	Pass
		Inner_1RB_Left	22.23	/	/	25.28	/	/	<=30	Pass
		Inner_1RB_Right	22.18	/	/	25.23	/	/	<=30	Pass
	1765	Edge_1RB_Left	20.63	/	/	23.68	/	/	<=30	Pass
		Edge_1RB_Right	20.63	/	/	23.68	/	/	<=30	Pass
		Outer_Full	20.52	/	/	23.57	/	/	<=30	Pass
		Inner_Full	21.94	/	/	24.99	/	/	<=30	Pass
		Inner_1RB_Left	22.28	/	/	25.33	/	/	<=30	Pass
		Inner_1RB_Right	22.25	/	/	25.30	/	/	<=30	Pass
CP-OFDM 16 QAM	1725	Edge_1RB_Left	20.61	/	/	23.66	/	/	<=30	Pass
		Edge_1RB_Right	20.57	/	/	23.62	/	/	<=30	Pass
		Outer_Full	20.46	/	/	23.51	/	/	<=30	Pass
		Inner_Full	21.41	/	/	24.46	/	/	<=30	Pass
		Inner_1RB_Left	21.61	/	/	24.66	/	/	<=30	Pass
		Inner_1RB_Right	21.69	/	/	24.74	/	/	<=30	Pass
	1745	Edge_1RB_Left	20.60	/	/	23.65	/	/	<=30	Pass

		Edge_1RB_Right	20.48	/	/	23.53	/	/	<=30	Pass
		Outer_Full	20.53	/	/	23.58	/	/	<=30	Pass
		Inner_Full	21.48	/	/	24.53	/	/	<=30	Pass
		Inner_1RB_Left	21.61	/	/	24.66	/	/	<=30	Pass
		Inner_1RB_Right	21.59	/	/	24.64	/	/	<=30	Pass
	1765	Edge_1RB_Left	20.59	/	/	23.64	/	/	<=30	Pass
		Edge_1RB_Right	20.50	/	/	23.55	/	/	<=30	Pass
		Outer_Full	20.49	/	/	23.54	/	/	<=30	Pass
		Inner_Full	21.38	/	/	24.43	/	/	<=30	Pass
		Inner_1RB_Left	21.57	/	/	24.62	/	/	<=30	Pass
	Inner_1RB_Right	21.69	/	/	24.74	/	/	<=30	Pass	
CP-OFDM 64 QAM	1725	Edge_1RB_Left	20.16	/	/	23.21	/	/	<=30	Pass
		Edge_1RB_Right	20.15	/	/	23.20	/	/	<=30	Pass
		Outer_Full	20.05	/	/	23.10	/	/	<=30	Pass
		Inner_Full	20.10	/	/	23.15	/	/	<=30	Pass
		Inner_1RB_Left	20.11	/	/	23.16	/	/	<=30	Pass
	1745	Inner_1RB_Right	20.18	/	/	23.23	/	/	<=30	Pass
		Edge_1RB_Left	20.21	/	/	23.26	/	/	<=30	Pass
		Edge_1RB_Right	20.18	/	/	23.23	/	/	<=30	Pass
		Outer_Full	20.16	/	/	23.21	/	/	<=30	Pass
		Inner_Full	20.12	/	/	23.17	/	/	<=30	Pass
	1765	Inner_1RB_Left	20.13	/	/	23.18	/	/	<=30	Pass
		Inner_1RB_Right	20.15	/	/	23.20	/	/	<=30	Pass
		Edge_1RB_Left	20.05	/	/	23.10	/	/	<=30	Pass
		Edge_1RB_Right	20.20	/	/	23.25	/	/	<=30	Pass
		Outer_Full	20.07	/	/	23.12	/	/	<=30	Pass
CP-OFDM 256 QAM	1725	Inner_Full	20.05	/	/	23.10	/	/	<=30	Pass
		Inner_1RB_Left	20.07	/	/	23.12	/	/	<=30	Pass
		Inner_1RB_Right	20.21	/	/	23.26	/	/	<=30	Pass
		Edge_1RB_Left	16.86	/	/	19.91	/	/	<=30	Pass
		Edge_1RB_Right	16.55	/	/	19.60	/	/	<=30	Pass
	1745	Outer_Full	17.04	/	/	20.09	/	/	<=30	Pass
		Inner_Full	17.12	/	/	20.17	/	/	<=30	Pass
		Inner_1RB_Left	16.86	/	/	19.91	/	/	<=30	Pass
		Inner_1RB_Right	16.55	/	/	19.60	/	/	<=30	Pass
		Edge_1RB_Left	16.98	/	/	20.03	/	/	<=30	Pass
	1765	Edge_1RB_Right	16.54	/	/	19.59	/	/	<=30	Pass
		Outer_Full	17.11	/	/	20.16	/	/	<=30	Pass
		Inner_Full	17.06	/	/	20.11	/	/	<=30	Pass
		Inner_1RB_Left	16.94	/	/	19.99	/	/	<=30	Pass
		Inner_1RB_Right	16.44	/	/	19.49	/	/	<=30	Pass
1765	Edge_1RB_Left	16.87	/	/	19.92	/	/	<=30	Pass	
	Edge_1RB_Right	16.56	/	/	19.61	/	/	<=30	Pass	
	Outer_Full	17.09	/	/	20.14	/	/	<=30	Pass	
	Inner_Full	17.15	/	/	20.20	/	/	<=30	Pass	
	Inner_1RB_Left	16.85	/	/	19.90	/	/	<=30	Pass	
Inner_1RB_Right	16.57	/	/	19.62	/	/	<=30	Pass		
Note1: Antenna Gain: Ant1: 3.05dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.7 15k_SISO_40MHz_NTNV_EIRP

5G NR n66 SCS=15kHz SISO 40MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2	1730	Edge_1RB_Left	22.96	/	/	26.01	/	/	<=30	Pass

BPSK		Edge_1RB_Right	22.87	/	/	25.92	/	/	<=30	Pass
		Outer_Full	22.95	/	/	26.00	/	/	<=30	Pass
		Inner_Full	23.56	/	/	26.61	/	/	<=30	Pass
		Inner_1RB_Left	23.45	/	/	26.50	/	/	<=30	Pass
		Inner_1RB_Right	23.36	/	/	26.41	/	/	<=30	Pass
	1745	Edge_1RB_Left	23.02	/	/	26.07	/	/	<=30	Pass
		Edge_1RB_Right	23.01	/	/	26.06	/	/	<=30	Pass
		Outer_Full	22.91	/	/	25.96	/	/	<=30	Pass
		Inner_Full	23.49	/	/	26.54	/	/	<=30	Pass
		Inner_1RB_Left	23.49	/	/	26.54	/	/	<=30	Pass
	1760	Inner_1RB_Right	23.47	/	/	26.52	/	/	<=30	Pass
		Edge_1RB_Left	22.98	/	/	26.03	/	/	<=30	Pass
		Edge_1RB_Right	22.98	/	/	26.03	/	/	<=30	Pass
		Outer_Full	22.97	/	/	26.02	/	/	<=30	Pass
		Inner_Full	23.37	/	/	26.42	/	/	<=30	Pass
DFT-s-OFDM QPSK	1730	Inner_1RB_Left	23.50	/	/	26.55	/	/	<=30	Pass
		Inner_1RB_Right	23.51	/	/	26.56	/	/	<=30	Pass
	1745	Edge_1RB_Left	22.40	/	/	25.45	/	/	<=30	Pass
		Edge_1RB_Right	22.51	/	/	25.56	/	/	<=30	Pass
		Outer_Full	22.43	/	/	25.48	/	/	<=30	Pass
	1760	Inner_Full	23.43	/	/	26.48	/	/	<=30	Pass
		Inner_1RB_Left	23.47	/	/	26.52	/	/	<=30	Pass
		Inner_1RB_Right	23.38	/	/	26.43	/	/	<=30	Pass
	1745	Edge_1RB_Left	22.54	/	/	25.59	/	/	<=30	Pass
		Edge_1RB_Right	22.53	/	/	25.58	/	/	<=30	Pass
		Outer_Full	22.51	/	/	25.56	/	/	<=30	Pass
	1760	Inner_Full	23.43	/	/	26.48	/	/	<=30	Pass
		Inner_1RB_Left	23.53	/	/	26.58	/	/	<=30	Pass
		Inner_1RB_Right	23.39	/	/	26.44	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	1730	Edge_1RB_Left	22.49	/	/	25.54	/	/	<=30	Pass
		Edge_1RB_Right	22.52	/	/	25.57	/	/	<=30	Pass
		Outer_Full	22.39	/	/	25.44	/	/	<=30	Pass
		Inner_Full	23.28	/	/	26.33	/	/	<=30	Pass
		Inner_1RB_Left	23.43	/	/	26.48	/	/	<=30	Pass
	1745	Inner_1RB_Right	23.46	/	/	26.51	/	/	<=30	Pass
		Edge_1RB_Left	21.39	/	/	24.44	/	/	<=30	Pass
		Edge_1RB_Right	21.46	/	/	24.51	/	/	<=30	Pass
		Outer_Full	21.40	/	/	24.45	/	/	<=30	Pass
		Inner_Full	22.46	/	/	25.51	/	/	<=30	Pass
	1760	Inner_1RB_Left	22.44	/	/	25.49	/	/	<=30	Pass
		Inner_1RB_Right	22.46	/	/	25.51	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	1730	Edge_1RB_Left	21.54	/	/	24.59	/	/	<=30	Pass
		Edge_1RB_Right	21.52	/	/	24.57	/	/	<=30	Pass
		Outer_Full	21.52	/	/	24.57	/	/	<=30	Pass
		Inner_Full	22.46	/	/	25.51	/	/	<=30	Pass
		Inner_1RB_Left	22.57	/	/	25.62	/	/	<=30	Pass
	1745	Inner_1RB_Right	22.52	/	/	25.57	/	/	<=30	Pass
		Edge_1RB_Left	21.53	/	/	24.58	/	/	<=30	Pass
		Edge_1RB_Right	21.52	/	/	24.57	/	/	<=30	Pass
		Outer_Full	21.39	/	/	24.44	/	/	<=30	Pass
		Inner_Full	22.40	/	/	25.45	/	/	<=30	Pass
	1760	Inner_1RB_Left	22.57	/	/	25.62	/	/	<=30	Pass
		Inner_1RB_Right	22.52	/	/	25.57	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	1730	Edge_1RB_Left	21.19	/	/	24.24	/	/	<=30	Pass
		Edge_1RB_Right	21.06	/	/	24.11	/	/	<=30	Pass
		Outer_Full	21.00	/	/	24.05	/	/	<=30	Pass
		Inner_Full	21.05	/	/	24.10	/	/	<=30	Pass
		Inner_1RB_Left	21.19	/	/	24.24	/	/	<=30	Pass

	1745	Inner 1RB Right	21.27	/	/	24.32	/	/	<=30	Pass
		Edge 1RB Left	21.27	/	/	24.32	/	/	<=30	Pass
		Edge 1RB Right	21.16	/	/	24.21	/	/	<=30	Pass
		Outer Full	21.19	/	/	24.24	/	/	<=30	Pass
		Inner Full	21.07	/	/	24.12	/	/	<=30	Pass
		Inner 1RB Left	21.22	/	/	24.27	/	/	<=30	Pass
	1760	Inner 1RB Right	21.24	/	/	24.29	/	/	<=30	Pass
		Edge 1RB Left	21.26	/	/	24.31	/	/	<=30	Pass
		Edge 1RB Right	21.23	/	/	24.28	/	/	<=30	Pass
		Outer Full	21.02	/	/	24.07	/	/	<=30	Pass
		Inner Full	21.02	/	/	24.07	/	/	<=30	Pass
		Inner 1RB Left	21.24	/	/	24.29	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	1730	Inner 1RB Right	21.25	/	/	24.30	/	/	<=30	Pass
		Edge 1RB Left	18.64	/	/	21.69	/	/	<=30	Pass
		Edge 1RB Right	18.08	/	/	21.13	/	/	<=30	Pass
		Outer Full	18.96	/	/	22.01	/	/	<=30	Pass
		Inner Full	18.99	/	/	22.04	/	/	<=30	Pass
		Inner 1RB Left	18.53	/	/	21.58	/	/	<=30	Pass
	1745	Inner 1RB Right	18.10	/	/	21.15	/	/	<=30	Pass
		Edge 1RB Left	18.81	/	/	21.86	/	/	<=30	Pass
		Edge 1RB Right	18.30	/	/	21.35	/	/	<=30	Pass
		Outer Full	19.14	/	/	22.19	/	/	<=30	Pass
		Inner Full	18.98	/	/	22.03	/	/	<=30	Pass
		Inner 1RB Left	18.73	/	/	21.78	/	/	<=30	Pass
	1760	Inner 1RB Right	18.26	/	/	21.31	/	/	<=30	Pass
		Edge 1RB Left	18.58	/	/	21.63	/	/	<=30	Pass
		Edge 1RB Right	18.24	/	/	21.29	/	/	<=30	Pass
		Outer Full	19.00	/	/	22.05	/	/	<=30	Pass
		Inner Full	18.99	/	/	22.04	/	/	<=30	Pass
		Inner 1RB Left	18.65	/	/	21.70	/	/	<=30	Pass
CP-OFDM QPSK	1730	Inner 1RB Right	18.27	/	/	21.32	/	/	<=30	Pass
		Edge 1RB Left	20.58	/	/	23.63	/	/	<=30	Pass
		Edge 1RB Right	20.51	/	/	23.56	/	/	<=30	Pass
		Outer Full	20.62	/	/	23.67	/	/	<=30	Pass
		Inner Full	21.87	/	/	24.92	/	/	<=30	Pass
		Inner 1RB Left	21.97	/	/	25.02	/	/	<=30	Pass
	1745	Inner 1RB Right	22.06	/	/	25.11	/	/	<=30	Pass
		Edge 1RB Left	20.58	/	/	23.63	/	/	<=30	Pass
		Edge 1RB Right	20.70	/	/	23.75	/	/	<=30	Pass
		Outer Full	20.59	/	/	23.64	/	/	<=30	Pass
		Inner Full	21.82	/	/	24.87	/	/	<=30	Pass
		Inner 1RB Left	22.11	/	/	25.16	/	/	<=30	Pass
	1760	Inner 1RB Right	22.19	/	/	25.24	/	/	<=30	Pass
		Edge 1RB Left	20.50	/	/	23.55	/	/	<=30	Pass
		Edge 1RB Right	20.61	/	/	23.66	/	/	<=30	Pass
		Outer Full	20.54	/	/	23.59	/	/	<=30	Pass
		Inner Full	21.86	/	/	24.91	/	/	<=30	Pass
		Inner 1RB Left	22.11	/	/	25.16	/	/	<=30	Pass
CP-OFDM 16 QAM	1730	Inner 1RB Right	22.11	/	/	25.16	/	/	<=30	Pass
		Edge 1RB Left	20.49	/	/	23.54	/	/	<=30	Pass
		Edge 1RB Right	20.46	/	/	23.51	/	/	<=30	Pass
		Outer Full	20.52	/	/	23.57	/	/	<=30	Pass
		Inner Full	21.41	/	/	24.46	/	/	<=30	Pass
		Inner 1RB Left	21.32	/	/	24.37	/	/	<=30	Pass
	1745	Inner 1RB Right	21.32	/	/	24.37	/	/	<=30	Pass
		Edge 1RB Left	20.45	/	/	23.50	/	/	<=30	Pass
		Edge 1RB Right	20.55	/	/	23.60	/	/	<=30	Pass
		Outer Full	20.53	/	/	23.58	/	/	<=30	Pass

		Inner_Full	21.46	/	/	24.51	/	/	<=30	Pass
		Inner_1RB_Left	21.39	/	/	24.44	/	/	<=30	Pass
		Inner_1RB_Right	21.50	/	/	24.55	/	/	<=30	Pass
	1760	Edge_1RB_Left	20.39	/	/	23.44	/	/	<=30	Pass
		Edge_1RB_Right	20.53	/	/	23.58	/	/	<=30	Pass
		Outer_Full	20.49	/	/	23.54	/	/	<=30	Pass
		Inner_Full	21.47	/	/	24.52	/	/	<=30	Pass
		Inner_1RB_Left	21.31	/	/	24.36	/	/	<=30	Pass
		Inner_1RB_Right	21.46	/	/	24.51	/	/	<=30	Pass
CP-OFDM 64 QAM	1730	Edge_1RB_Left	20.08	/	/	23.13	/	/	<=30	Pass
		Edge_1RB_Right	20.09	/	/	23.14	/	/	<=30	Pass
		Outer_Full	19.95	/	/	23.00	/	/	<=30	Pass
		Inner_Full	19.97	/	/	23.02	/	/	<=30	Pass
		Inner_1RB_Left	20.06	/	/	23.11	/	/	<=30	Pass
		Inner_1RB_Right	19.99	/	/	23.04	/	/	<=30	Pass
	1745	Edge_1RB_Left	20.05	/	/	23.10	/	/	<=30	Pass
		Edge_1RB_Right	20.18	/	/	23.23	/	/	<=30	Pass
		Outer_Full	20.06	/	/	23.11	/	/	<=30	Pass
		Inner_Full	20.02	/	/	23.07	/	/	<=30	Pass
		Inner_1RB_Left	20.09	/	/	23.14	/	/	<=30	Pass
		Inner_1RB_Right	20.04	/	/	23.09	/	/	<=30	Pass
	1760	Edge_1RB_Left	20.07	/	/	23.12	/	/	<=30	Pass
		Edge_1RB_Right	20.13	/	/	23.18	/	/	<=30	Pass
		Outer_Full	20.07	/	/	23.12	/	/	<=30	Pass
		Inner_Full	19.87	/	/	22.92	/	/	<=30	Pass
		Inner_1RB_Left	19.97	/	/	23.02	/	/	<=30	Pass
		Inner_1RB_Right	20.18	/	/	23.23	/	/	<=30	Pass
CP-OFDM 256 QAM	1730	Edge_1RB_Left	16.78	/	/	19.83	/	/	<=30	Pass
		Edge_1RB_Right	16.28	/	/	19.33	/	/	<=30	Pass
		Outer_Full	16.99	/	/	20.04	/	/	<=30	Pass
		Inner_Full	17.04	/	/	20.09	/	/	<=30	Pass
		Inner_1RB_Left	16.75	/	/	19.80	/	/	<=30	Pass
		Inner_1RB_Right	16.28	/	/	19.33	/	/	<=30	Pass
	1745	Edge_1RB_Left	16.87	/	/	19.92	/	/	<=30	Pass
		Edge_1RB_Right	16.48	/	/	19.53	/	/	<=30	Pass
		Outer_Full	17.14	/	/	20.19	/	/	<=30	Pass
		Inner_Full	17.08	/	/	20.13	/	/	<=30	Pass
		Inner_1RB_Left	16.91	/	/	19.96	/	/	<=30	Pass
		Inner_1RB_Right	16.33	/	/	19.38	/	/	<=30	Pass
	1760	Edge_1RB_Left	16.86	/	/	19.91	/	/	<=30	Pass
		Edge_1RB_Right	16.41	/	/	19.46	/	/	<=30	Pass
		Outer_Full	17.06	/	/	20.11	/	/	<=30	Pass
Inner_Full		17.00	/	/	20.05	/	/	<=30	Pass	
Inner_1RB_Left		16.80	/	/	19.85	/	/	<=30	Pass	
Inner_1RB_Right	16.50	/	/	19.55	/	/	<=30	Pass		
Note1: Antenna Gain: Ant1: 3.05dBi; Note2: EIRP=Conducted Power+Antenna Gain										

2. Frequency Stability

2.1 Test Result

2.1.1 15k_SISO_5MHz

5G NR n66 SCS=15kHz SISO 5MHz

Modulation	Frequency (MHz)	RB Allocation	Temp. (°C)	Volt.	Freq. Error (Hz)	Freq. vs. rated (ppm)		Verdict
						Result	Limit	
DFT-s-OFDM QPSK	1745	Outer_Full	20	LV	-8.20	-0.0047	>=-2.5 & <=2.5	Pass
				HV	-2.00	-0.0011	>=-2.5 & <=2.5	Pass
			-30	NV	-1.80	-0.0010	>=-2.5 & <=2.5	Pass
			-20	NV	-5.90	-0.0034	>=-2.5 & <=2.5	Pass
			-10	NV	-4.90	-0.0028	>=-2.5 & <=2.5	Pass
			0	NV	-3.00	-0.0017	>=-2.5 & <=2.5	Pass
			10	NV	1.70	0.0010	>=-2.5 & <=2.5	Pass
			20	NV	1.00	0.0006	>=-2.5 & <=2.5	Pass
			30	NV	-2.80	-0.0016	>=-2.5 & <=2.5	Pass
			40	NV	-3.60	-0.0021	>=-2.5 & <=2.5	Pass
			50	NV	-4.40	-0.0025	>=-2.5 & <=2.5	Pass

2.1.2 15k_SISO_10MHz

5G NR n66 SCS=15kHz SISO 10MHz								
Modulation	Frequency (MHz)	RB Allocation	Temp. (°C)	Volt.	Freq. Error (Hz)	Freq. vs. rated (ppm)		Verdict
						Result	Limit	
DFT-s-OFDM QPSK	1745	Outer_Full	20	LV	-1.80	-0.0010	>=-2.5 & <=2.5	Pass
				HV	-6.00	-0.0034	>=-2.5 & <=2.5	Pass
			-30	NV	-3.70	-0.0021	>=-2.5 & <=2.5	Pass
			-20	NV	-0.90	-0.0005	>=-2.5 & <=2.5	Pass
			-10	NV	1.00	0.0006	>=-2.5 & <=2.5	Pass
			0	NV	-6.30	-0.0036	>=-2.5 & <=2.5	Pass
			10	NV	-3.50	-0.0020	>=-2.5 & <=2.5	Pass
			20	NV	-4.20	-0.0024	>=-2.5 & <=2.5	Pass
			30	NV	-6.80	-0.0039	>=-2.5 & <=2.5	Pass
			40	NV	-3.00	-0.0017	>=-2.5 & <=2.5	Pass
			50	NV	1.70	0.0010	>=-2.5 & <=2.5	Pass

2.1.3 15k_SISO_15MHz

5G NR n66 SCS=15kHz SISO 15MHz								
Modulation	Frequency (MHz)	RB Allocation	Temp. (°C)	Volt.	Freq. Error (Hz)	Freq. vs. rated (ppm)		Verdict
						Result	Limit	
DFT-s-OFDM QPSK	1745	Outer_Full	20	LV	-4.90	-0.0028	>=-2.5 & <=2.5	Pass
				HV	-2.90	-0.0017	>=-2.5 & <=2.5	Pass
			-30	NV	2.10	0.0012	>=-2.5 & <=2.5	Pass
			-20	NV	-2.70	-0.0015	>=-2.5 & <=2.5	Pass
			-10	NV	3.70	0.0021	>=-2.5 & <=2.5	Pass
			0	NV	-5.60	-0.0032	>=-2.5 & <=2.5	Pass
			10	NV	-4.20	-0.0024	>=-2.5 & <=2.5	Pass
			20	NV	3.60	0.0021	>=-2.5 & <=2.5	Pass
			30	NV	-4.00	-0.0023	>=-2.5 & <=2.5	Pass
			40	NV	-2.00	-0.0011	>=-2.5 & <=2.5	Pass
			50	NV	-3.60	-0.0021	>=-2.5 & <=2.5	Pass

2.1.4 15k_SISO_20MHz

5G NR n66 SCS=15kHz SISO 20MHz								
Modulation	Frequency (MHz)	RB Allocation	Temp. (°C)	Volt.	Freq. Error (Hz)	Freq. vs. rated (ppm)		Verdict
						Result	Limit	

DFT-s-OFDM QPSK	1745	Outer_Full	20	LV	3.70	0.0021	>=-2.5 & <=2.5	Pass
				HV	-2.80	-0.0016	>=-2.5 & <=2.5	Pass
			-30	NV	-4.20	-0.0024	>=-2.5 & <=2.5	Pass
			-20	NV	2.60	0.0015	>=-2.5 & <=2.5	Pass
			-10	NV	-3.50	-0.0020	>=-2.5 & <=2.5	Pass
			0	NV	-5.60	-0.0032	>=-2.5 & <=2.5	Pass
			10	NV	-1.00	-0.0006	>=-2.5 & <=2.5	Pass
			20	NV	-5.70	-0.0033	>=-2.5 & <=2.5	Pass
			30	NV	-6.50	-0.0037	>=-2.5 & <=2.5	Pass
			40	NV	3.30	0.0019	>=-2.5 & <=2.5	Pass
			50	NV	2.00	0.0011	>=-2.5 & <=2.5	Pass

2.1.5 15k_SISO_25MHz

5G NR n66 SCS=15kHz SISO 25MHz								
Modulation	Frequency (MHz)	RB Allocation	Temp. (°C)	Volt.	Freq. Error (Hz)	Freq. vs. rated (ppm)		Verdict
						Result	Limit	
DFT-s-OFDM QPSK	1745	Outer_Full	20	LV	2.40	0.0014	>=-2.5 & <=2.5	Pass
				HV	-2.00	-0.0011	>=-2.5 & <=2.5	Pass
			-30	NV	3.70	0.0021	>=-2.5 & <=2.5	Pass
			-20	NV	-4.50	-0.0026	>=-2.5 & <=2.5	Pass
			-10	NV	-1.20	-0.0007	>=-2.5 & <=2.5	Pass
			0	NV	-0.80	-0.0005	>=-2.5 & <=2.5	Pass
			10	NV	-5.70	-0.0033	>=-2.5 & <=2.5	Pass
			20	NV	-2.80	-0.0016	>=-2.5 & <=2.5	Pass
			30	NV	-5.60	-0.0032	>=-2.5 & <=2.5	Pass
			40	NV	-2.70	-0.0015	>=-2.5 & <=2.5	Pass
			50	NV	-2.10	-0.0012	>=-2.5 & <=2.5	Pass

2.1.6 15k_SISO_30MHz

5G NR n66 SCS=15kHz SISO 30MHz								
Modulation	Frequency (MHz)	RB Allocation	Temp. (°C)	Volt.	Freq. Error (Hz)	Freq. vs. rated (ppm)		Verdict
						Result	Limit	
DFT-s-OFDM QPSK	1745	Outer_Full	20	LV	-1.20	-0.0007	>=-2.5 & <=2.5	Pass
				HV	2.20	0.0013	>=-2.5 & <=2.5	Pass
			-30	NV	-2.60	-0.0015	>=-2.5 & <=2.5	Pass
			-20	NV	-3.30	-0.0019	>=-2.5 & <=2.5	Pass
			-10	NV	-3.20	-0.0018	>=-2.5 & <=2.5	Pass
			0	NV	-2.40	-0.0014	>=-2.5 & <=2.5	Pass
			10	NV	-4.00	-0.0023	>=-2.5 & <=2.5	Pass
			20	NV	-1.90	-0.0011	>=-2.5 & <=2.5	Pass
			30	NV	-3.60	-0.0021	>=-2.5 & <=2.5	Pass
			40	NV	-4.20	-0.0024	>=-2.5 & <=2.5	Pass
			50	NV	4.00	0.0023	>=-2.5 & <=2.5	Pass

2.1.7 15k_SISO_40MHz

5G NR n66 SCS=15kHz SISO 40MHz								
Modulation	Frequency (MHz)	RB Allocation	Temp. (°C)	Volt.	Freq. Error (Hz)	Freq. vs. rated (ppm)		Verdict
						Result	Limit	
DFT-s-OFDM QPSK	1745	Outer_Full	20	LV	-5.00	-0.0029	>=-2.5 & <=2.5	Pass
				HV	-6.30	-0.0036	>=-2.5 & <=2.5	Pass

			-30	NV	-4.40	-0.0025	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-3.70	-0.0021	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-6.90	-0.0040	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-1.30	-0.0007	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-7.20	-0.0041	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-6.70	-0.0038	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-3.80	-0.0022	≥ -2.5 & ≤ 2.5	Pass
			40	NV	0.20	0.0001	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-5.90	-0.0034	≥ -2.5 & ≤ 2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 15k_SISO_5MHz_NTNV

5G NR n66 SCS=15kHz SISO 5MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	1712.5	Outer_Full	4.54	5.27	/	Pass
	1745	Outer_Full	4.54	5.20	/	Pass
	1777.5	Outer_Full	4.55	5.28	/	Pass
DFT-s-OFDM QPSK	1712.5	Outer_Full	4.53	5.25	/	Pass
	1745	Outer_Full	4.53	5.23	/	Pass
	1777.5	Outer_Full	4.53	5.21	/	Pass
DFT-s-OFDM 16 QAM	1712.5	Outer_Full	4.57	5.30	/	Pass
	1745	Outer_Full	4.57	5.29	/	Pass
	1777.5	Outer_Full	4.55	5.34	/	Pass
DFT-s-OFDM 64 QAM	1712.5	Outer_Full	4.55	5.19	/	Pass
	1745	Outer_Full	4.56	5.20	/	Pass
	1777.5	Outer_Full	4.57	5.25	/	Pass
DFT-s-OFDM 256 QAM	1712.5	Outer_Full	4.54	5.29	/	Pass
	1745	Outer_Full	4.54	5.26	/	Pass
	1777.5	Outer_Full	4.54	5.28	/	Pass
CP-OFDM QPSK	1712.5	Outer_Full	4.56	5.32	/	Pass
	1745	Outer_Full	4.56	5.34	/	Pass
	1777.5	Outer_Full	4.57	5.39	/	Pass
CP-OFDM 16 QAM	1712.5	Outer_Full	4.57	5.29	/	Pass
	1745	Outer_Full	4.57	5.28	/	Pass
	1777.5	Outer_Full	4.55	5.29	/	Pass
CP-OFDM 64 QAM	1712.5	Outer_Full	4.54	5.28	/	Pass
	1745	Outer_Full	4.55	5.34	/	Pass
	1777.5	Outer_Full	4.55	5.32	/	Pass
CP-OFDM 256 QAM	1712.5	Outer_Full	4.56	5.39	/	Pass
	1745	Outer_Full	4.57	5.38	/	Pass
	1777.5	Outer_Full	4.56	5.37	/	Pass

3.1.2 15k_SISO_10MHz_NTNV

5G NR n66 SCS=15kHz SISO 10MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	1715	Outer_Full	9.04	9.96	/	Pass

	1745	Outer_Full	9.05	9.96	/	Pass
	1775	Outer_Full	9.05	9.90	/	Pass
DFT-s-OFDM QPSK	1715	Outer_Full	9.07	10.01	/	Pass
	1745	Outer_Full	9.07	10.00	/	Pass
	1775	Outer_Full	9.07	10.07	/	Pass
DFT-s-OFDM 16 QAM	1715	Outer_Full	9.07	10.04	/	Pass
	1745	Outer_Full	9.06	9.95	/	Pass
	1775	Outer_Full	9.06	9.97	/	Pass
DFT-s-OFDM 64 QAM	1715	Outer_Full	9.06	9.99	/	Pass
	1745	Outer_Full	9.06	10.00	/	Pass
	1775	Outer_Full	9.05	10.05	/	Pass
DFT-s-OFDM 256 QAM	1715	Outer_Full	9.08	10.08	/	Pass
	1745	Outer_Full	9.07	9.98	/	Pass
	1775	Outer_Full	9.07	10.11	/	Pass
CP-OFDM QPSK	1715	Outer_Full	9.40	10.47	/	Pass
	1745	Outer_Full	9.39	10.45	/	Pass
	1775	Outer_Full	9.38	10.52	/	Pass
CP-OFDM 16 QAM	1715	Outer_Full	9.40	10.44	/	Pass
	1745	Outer_Full	9.39	10.42	/	Pass
	1775	Outer_Full	9.41	10.43	/	Pass
CP-OFDM 64 QAM	1715	Outer_Full	9.38	10.38	/	Pass
	1745	Outer_Full	9.36	10.34	/	Pass
	1775	Outer_Full	9.36	10.36	/	Pass
CP-OFDM 256 QAM	1715	Outer_Full	9.41	10.34	/	Pass
	1745	Outer_Full	9.43	10.39	/	Pass
	1775	Outer_Full	9.42	10.36	/	Pass

3.1.3 15k_SISO_15MHz_NTNV

5G NR n66 SCS=15kHz SISO 15MHz NTV						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	1717.5	Outer_Full	13.59	14.76	/	Pass
	1745	Outer_Full	13.60	14.71	/	Pass
	1772.5	Outer_Full	13.57	14.69	/	Pass
DFT-s-OFDM QPSK	1717.5	Outer_Full	13.64	14.77	/	Pass
	1745	Outer_Full	13.61	14.85	/	Pass
	1772.5	Outer_Full	13.59	14.82	/	Pass
DFT-s-OFDM 16 QAM	1717.5	Outer_Full	13.67	14.87	/	Pass
	1745	Outer_Full	13.66	14.83	/	Pass
	1772.5	Outer_Full	13.62	14.73	/	Pass
DFT-s-OFDM 64 QAM	1717.5	Outer_Full	13.58	14.78	/	Pass
	1745	Outer_Full	13.57	14.78	/	Pass
	1772.5	Outer_Full	13.52	14.71	/	Pass
DFT-s-OFDM 256 QAM	1717.5	Outer_Full	13.62	14.83	/	Pass
	1745	Outer_Full	13.60	14.76	/	Pass
	1772.5	Outer_Full	13.59	14.84	/	Pass
CP-OFDM QPSK	1717.5	Outer_Full	14.29	15.50	/	Pass
	1745	Outer_Full	14.29	15.53	/	Pass
	1772.5	Outer_Full	14.25	15.43	/	Pass
CP-OFDM 16 QAM	1717.5	Outer_Full	14.29	15.59	/	Pass
	1745	Outer_Full	14.30	15.45	/	Pass
	1772.5	Outer_Full	14.24	15.44	/	Pass
CP-OFDM 64 QAM	1717.5	Outer_Full	14.34	15.54	/	Pass
	1745	Outer_Full	14.32	15.50	/	Pass
	1772.5	Outer_Full	14.28	15.42	/	Pass

CP-OFDM 256 QAM	1717.5	Outer_Full	14.29	15.55	/	Pass
	1745	Outer_Full	14.26	15.55	/	Pass
	1772.5	Outer_Full	14.27	15.56	/	Pass

3.1.4 15k_SISO_20MHz_NTNV

5G NR n66 SCS=15kHz SISO 20MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	1720	Outer_Full	18.14	19.53	/	Pass
	1745	Outer_Full	18.08	19.52	/	Pass
	1770	Outer_Full	18.03	19.45	/	Pass
DFT-s-OFDM QPSK	1720	Outer_Full	18.11	19.66	/	Pass
	1745	Outer_Full	18.07	19.53	/	Pass
	1770	Outer_Full	17.98	19.43	/	Pass
DFT-s-OFDM 16 QAM	1720	Outer_Full	18.09	19.50	/	Pass
	1745	Outer_Full	18.06	19.56	/	Pass
	1770	Outer_Full	17.95	19.49	/	Pass
DFT-s-OFDM 64 QAM	1720	Outer_Full	18.11	19.54	/	Pass
	1745	Outer_Full	18.07	19.50	/	Pass
	1770	Outer_Full	17.99	19.45	/	Pass
DFT-s-OFDM 256 QAM	1720	Outer_Full	18.13	19.48	/	Pass
	1745	Outer_Full	18.09	19.46	/	Pass
	1770	Outer_Full	17.99	19.35	/	Pass
CP-OFDM QPSK	1720	Outer_Full	19.18	20.58	/	Pass
	1745	Outer_Full	19.09	20.55	/	Pass
	1770	Outer_Full	18.98	20.54	/	Pass
CP-OFDM 16 QAM	1720	Outer_Full	19.21	20.60	/	Pass
	1745	Outer_Full	19.17	20.72	/	Pass
	1770	Outer_Full	19.05	20.60	/	Pass
CP-OFDM 64 QAM	1720	Outer_Full	19.18	20.64	/	Pass
	1745	Outer_Full	19.14	20.67	/	Pass
	1770	Outer_Full	19.05	20.44	/	Pass
CP-OFDM 256 QAM	1720	Outer_Full	19.26	20.59	/	Pass
	1745	Outer_Full	19.19	20.70	/	Pass
	1770	Outer_Full	19.12	20.64	/	Pass

3.1.5 15k_SISO_25MHz_NTNV

5G NR n66 SCS=15kHz SISO 25MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	1722.5	Outer_Full	23.19	24.74	/	Pass
	1745	Outer_Full	23.18	24.79	/	Pass
	1767.5	Outer_Full	23.05	24.69	/	Pass
DFT-s-OFDM QPSK	1722.5	Outer_Full	23.26	24.83	/	Pass
	1745	Outer_Full	23.24	24.80	/	Pass
	1767.5	Outer_Full	23.06	24.73	/	Pass
DFT-s-OFDM 16 QAM	1722.5	Outer_Full	23.19	24.86	/	Pass
	1745	Outer_Full	23.16	24.79	/	Pass
	1767.5	Outer_Full	22.99	24.76	/	Pass
DFT-s-OFDM 64 QAM	1722.5	Outer_Full	23.13	24.78	/	Pass
	1745	Outer_Full	23.14	24.76	/	Pass
	1767.5	Outer_Full	22.98	24.67	/	Pass

DFT-s-OFDM 256 QAM	1722.5	Outer_Full	23.16	24.73	/	Pass
	1745	Outer_Full	23.15	24.75	/	Pass
	1767.5	Outer_Full	22.99	24.68	/	Pass
CP-OFDM QPSK	1722.5	Outer_Full	24.01	25.66	/	Pass
	1745	Outer_Full	23.99	25.64	/	Pass
	1767.5	Outer_Full	23.87	25.56	/	Pass
CP-OFDM 16 QAM	1722.5	Outer_Full	24.05	25.64	/	Pass
	1745	Outer_Full	24.01	25.61	/	Pass
	1767.5	Outer_Full	23.85	25.60	/	Pass
CP-OFDM 64 QAM	1722.5	Outer_Full	24.02	25.69	/	Pass
	1745	Outer_Full	23.99	25.72	/	Pass
	1767.5	Outer_Full	23.87	25.68	/	Pass
CP-OFDM 256 QAM	1722.5	Outer_Full	24.04	25.60	/	Pass
	1745	Outer_Full	24.02	25.64	/	Pass
	1767.5	Outer_Full	23.86	25.58	/	Pass

3.1.6 15k_SISO_30MHz_NTNV

5G NR n66 SCS=15kHz SISO 30MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	1725	Outer_Full	28.89	30.78	/	Pass
	1745	Outer_Full	28.98	30.81	/	Pass
	1765	Outer_Full	28.77	30.81	/	Pass
DFT-s-OFDM QPSK	1725	Outer_Full	28.89	30.82	/	Pass
	1745	Outer_Full	28.92	30.82	/	Pass
	1765	Outer_Full	28.72	30.77	/	Pass
DFT-s-OFDM 16 QAM	1725	Outer_Full	28.88	30.80	/	Pass
	1745	Outer_Full	28.91	30.82	/	Pass
	1765	Outer_Full	28.69	30.73	/	Pass
DFT-s-OFDM 64 QAM	1725	Outer_Full	28.84	30.80	/	Pass
	1745	Outer_Full	28.91	30.84	/	Pass
	1765	Outer_Full	28.70	30.78	/	Pass
DFT-s-OFDM 256 QAM	1725	Outer_Full	28.81	30.84	/	Pass
	1745	Outer_Full	28.87	30.89	/	Pass
	1765	Outer_Full	28.67	30.78	/	Pass
CP-OFDM QPSK	1725	Outer_Full	28.86	30.82	/	Pass
	1745	Outer_Full	28.91	30.87	/	Pass
	1765	Outer_Full	28.69	30.78	/	Pass
CP-OFDM 16 QAM	1725	Outer_Full	28.86	30.81	/	Pass
	1745	Outer_Full	28.92	30.88	/	Pass
	1765	Outer_Full	28.68	30.80	/	Pass
CP-OFDM 64 QAM	1725	Outer_Full	28.83	30.84	/	Pass
	1745	Outer_Full	28.91	30.81	/	Pass
	1765	Outer_Full	28.72	30.75	/	Pass
CP-OFDM 256 QAM	1725	Outer_Full	28.77	30.83	/	Pass
	1745	Outer_Full	28.84	30.84	/	Pass
	1765	Outer_Full	28.64	30.74	/	Pass

3.1.7 15k_SISO_40MHz_NTNV

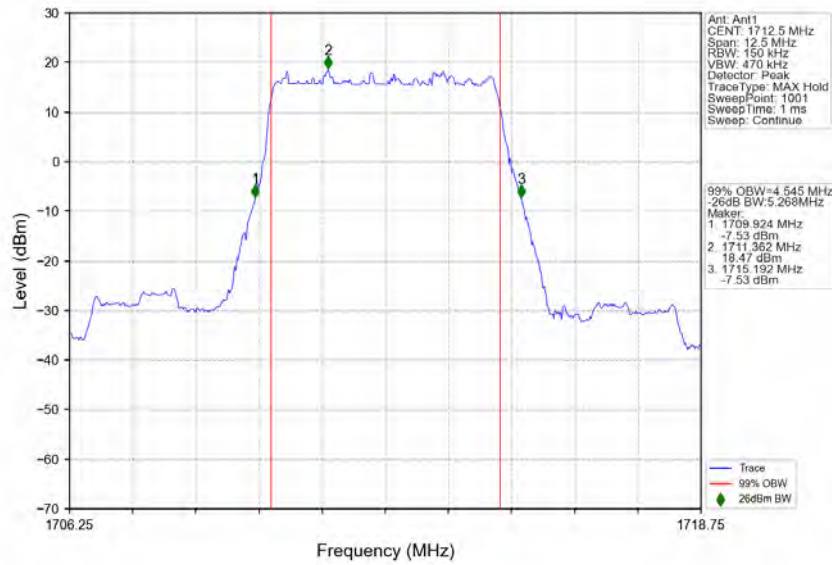
5G NR n66 SCS=15kHz SISO 40MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict

DFT-s-OFDM PI/2 BPSK	1730	Outer_Full	38.76	41.48	/	Pass
	1745	Outer_Full	38.90	41.53	/	Pass
	1760	Outer_Full	38.78	41.46	/	Pass
DFT-s-OFDM QPSK	1730	Outer_Full	39.08	41.62	/	Pass
	1745	Outer_Full	39.18	41.62	/	Pass
	1760	Outer_Full	39.07	41.62	/	Pass
DFT-s-OFDM 16 QAM	1730	Outer_Full	38.82	41.54	/	Pass
	1745	Outer_Full	38.96	41.62	/	Pass
	1760	Outer_Full	38.85	41.56	/	Pass
DFT-s-OFDM 64 QAM	1730	Outer_Full	38.78	41.41	/	Pass
	1745	Outer_Full	38.95	41.55	/	Pass
	1760	Outer_Full	38.81	41.39	/	Pass
DFT-s-OFDM 256 QAM	1730	Outer_Full	38.84	41.49	/	Pass
	1745	Outer_Full	38.95	41.56	/	Pass
	1760	Outer_Full	38.89	41.53	/	Pass
CP-OFDM QPSK	1730	Outer_Full	38.83	41.43	/	Pass
	1745	Outer_Full	39.00	41.58	/	Pass
	1760	Outer_Full	38.86	41.49	/	Pass
CP-OFDM 16 QAM	1730	Outer_Full	38.66	41.50	/	Pass
	1745	Outer_Full	38.94	41.52	/	Pass
	1760	Outer_Full	38.81	41.56	/	Pass
CP-OFDM 64 QAM	1730	Outer_Full	38.93	41.42	/	Pass
	1745	Outer_Full	39.13	41.60	/	Pass
	1760	Outer_Full	38.98	41.44	/	Pass
CP-OFDM 256 QAM	1730	Outer_Full	38.78	41.50	/	Pass
	1745	Outer_Full	38.90	41.54	/	Pass
	1760	Outer_Full	38.88	41.51	/	Pass

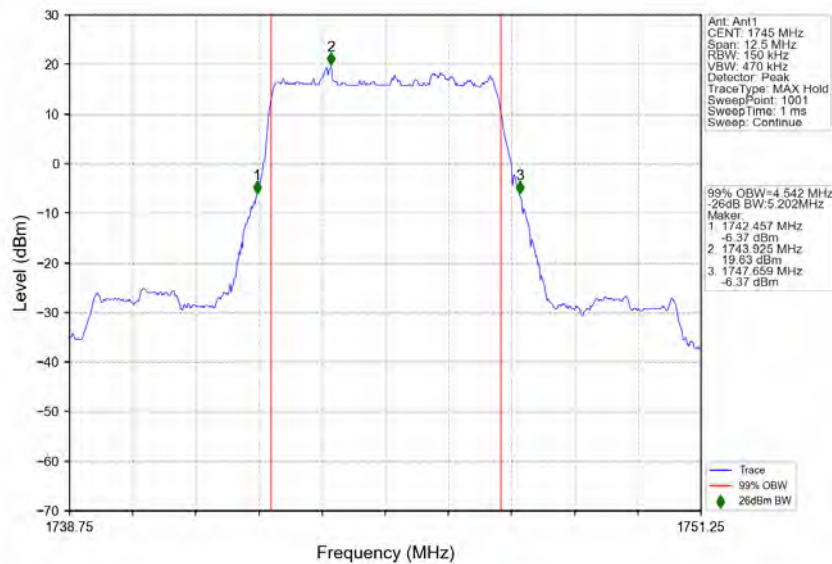
3.2 Test Graph

3.2.1 15k_SISO_5MHz_NTNV

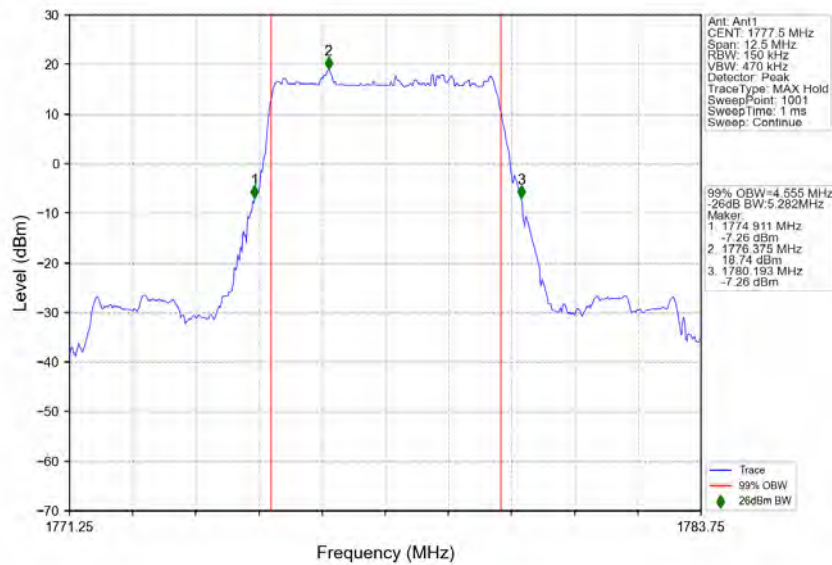
n66_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK_1712.5MHz_Outer_Full



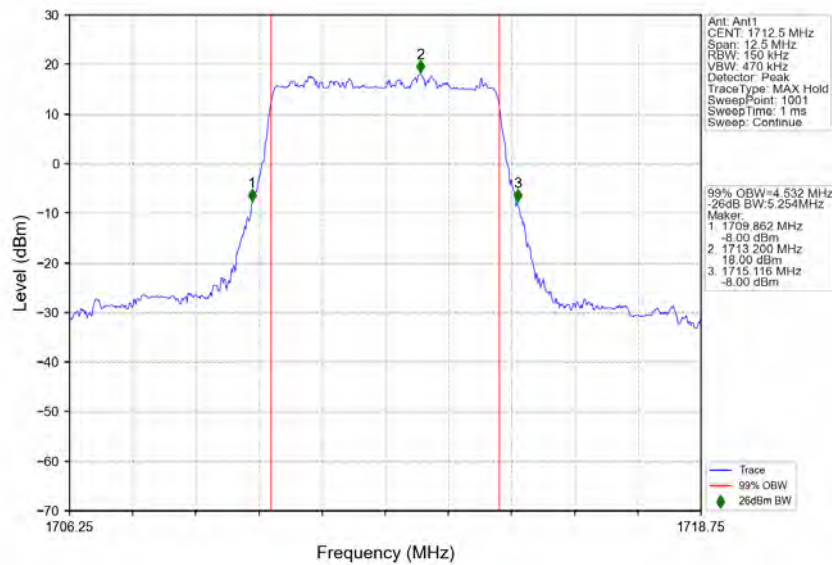
n66_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK_1745MHz_Outer_Full



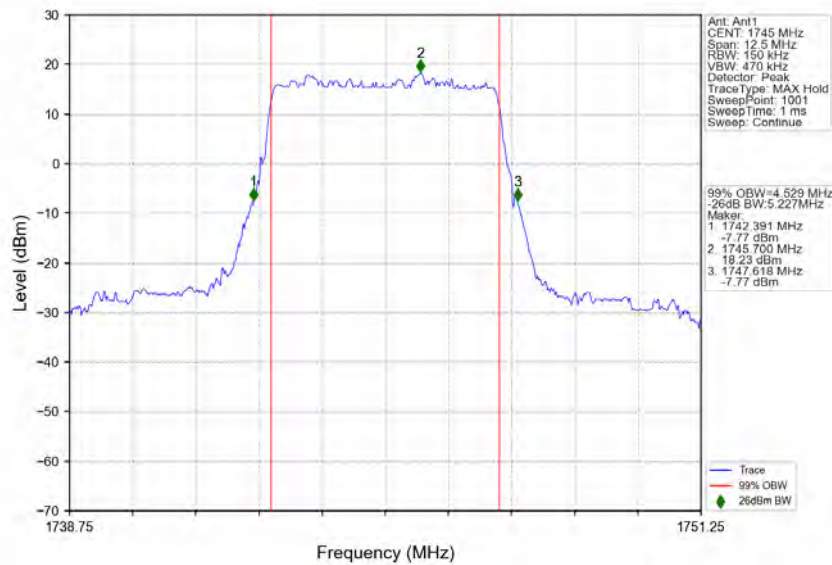
n66_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_PI/2_BPSK_1777.5MHz_Outer_Full



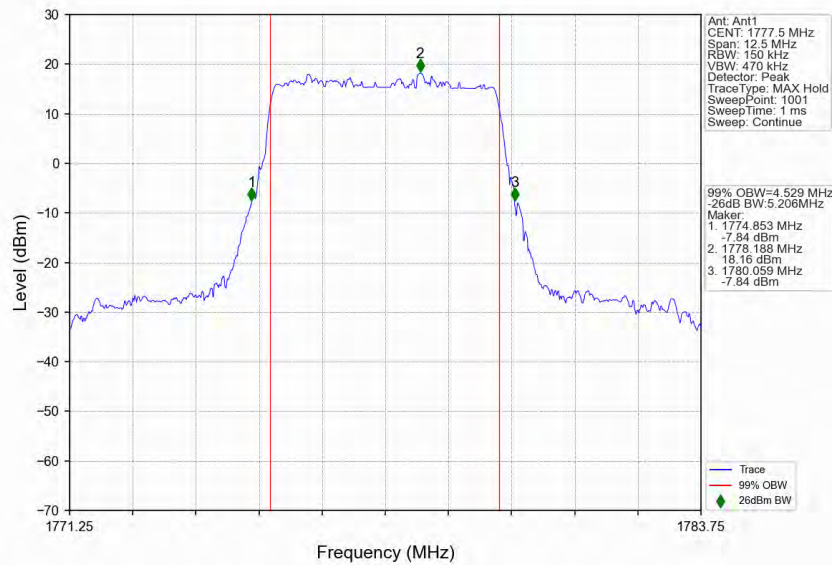
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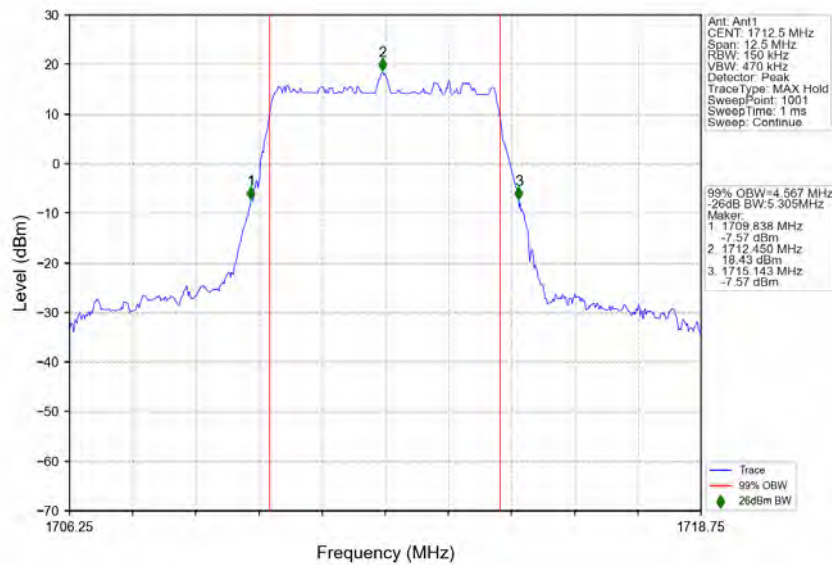
n66_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_1745MHz_Outer_Full



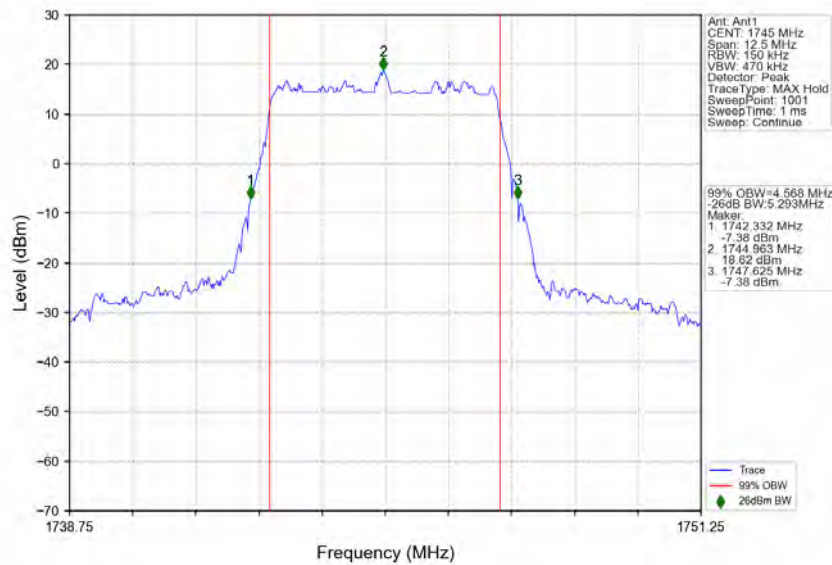
n66_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_1777.5MHz_Outer_Full



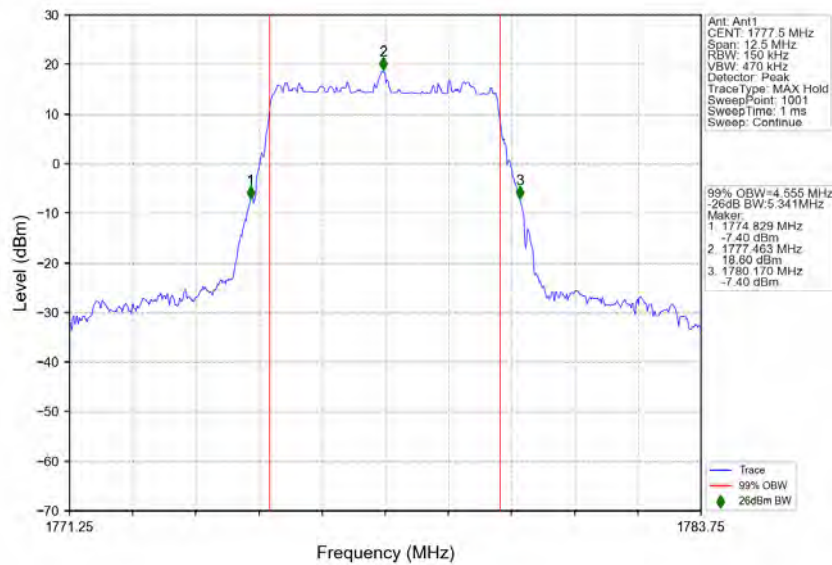
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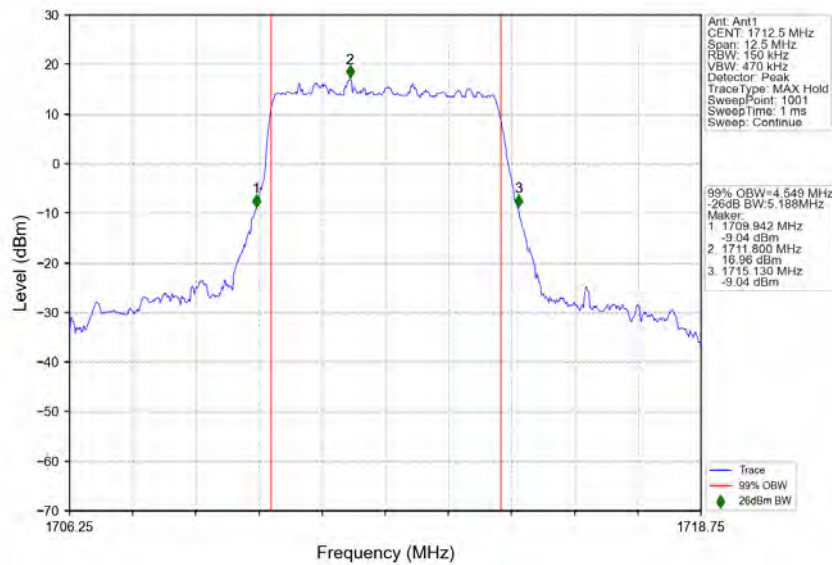
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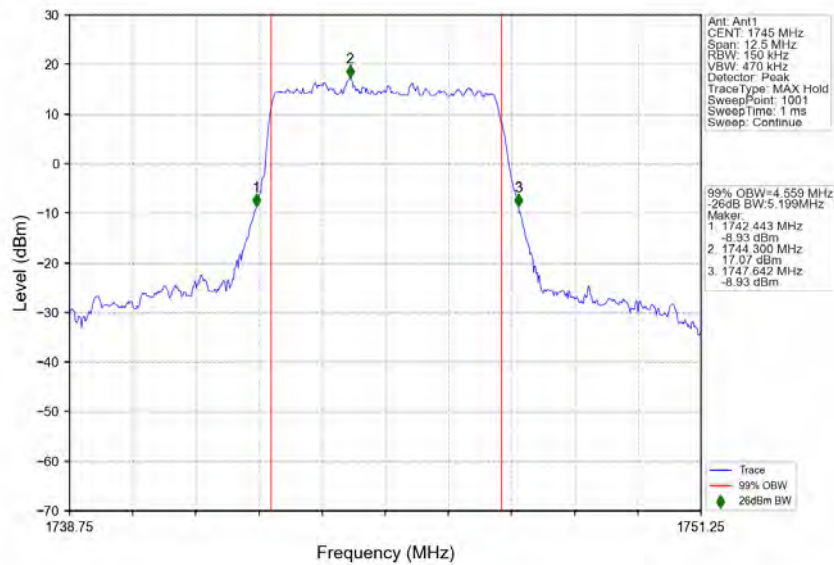
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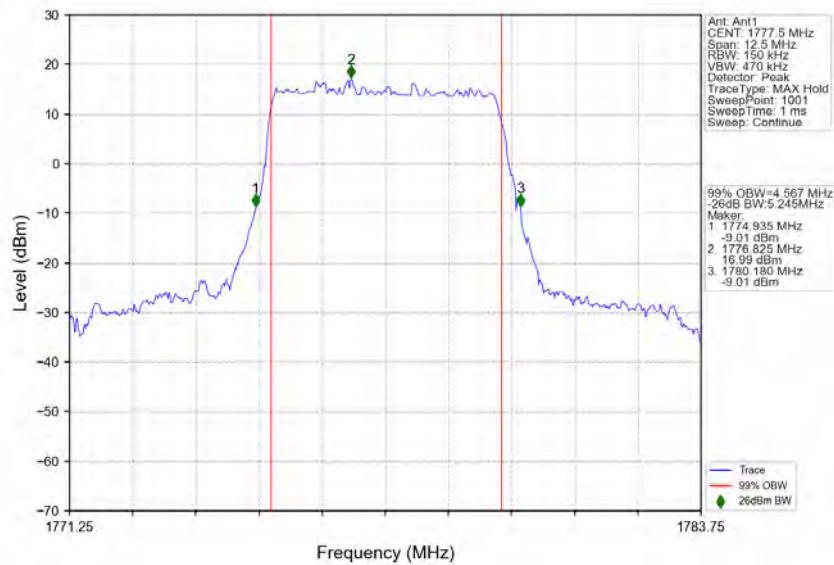
n66_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_64_QAM_1712.5MHz_Outer_Full



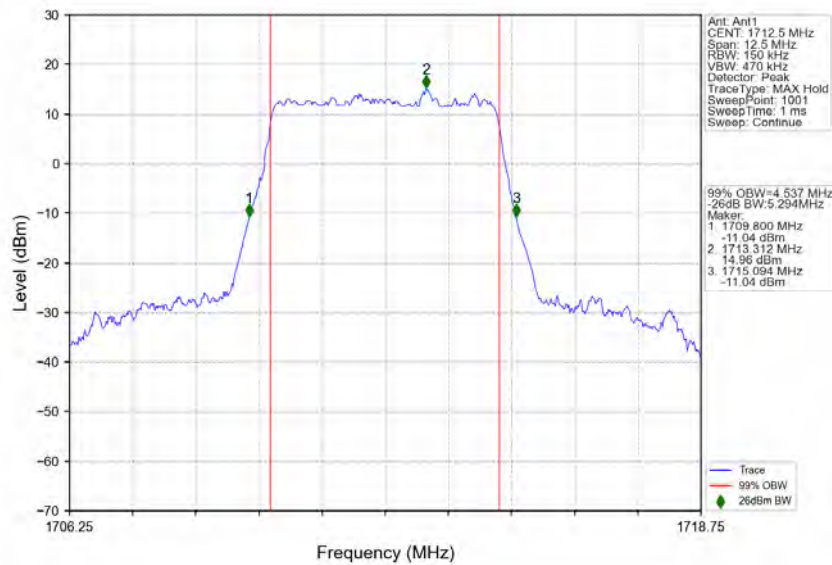
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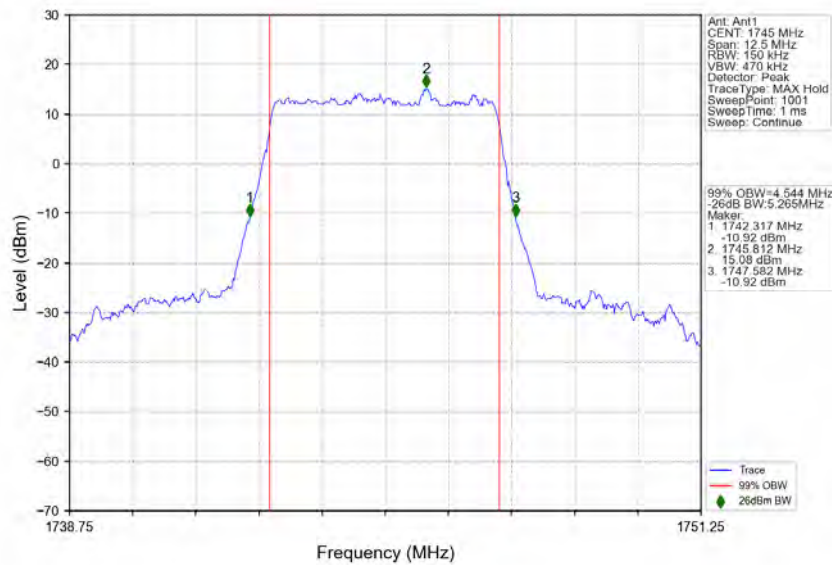
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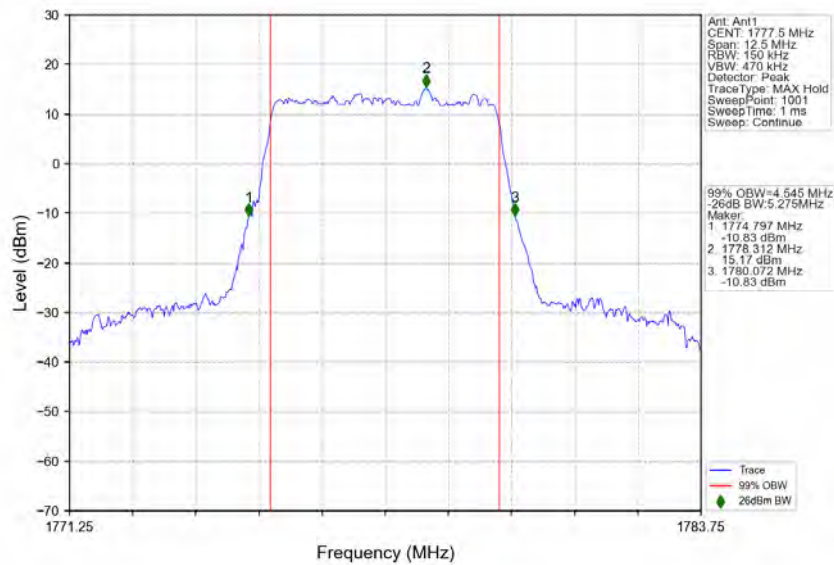
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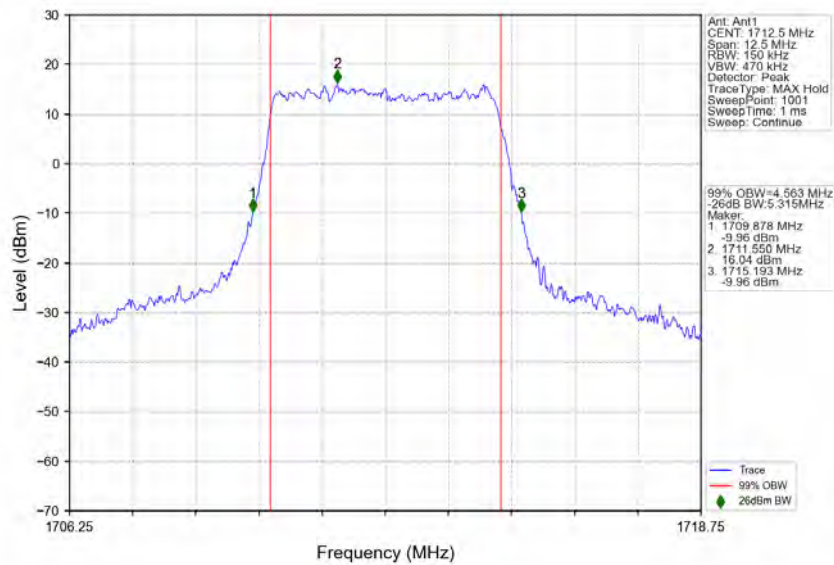
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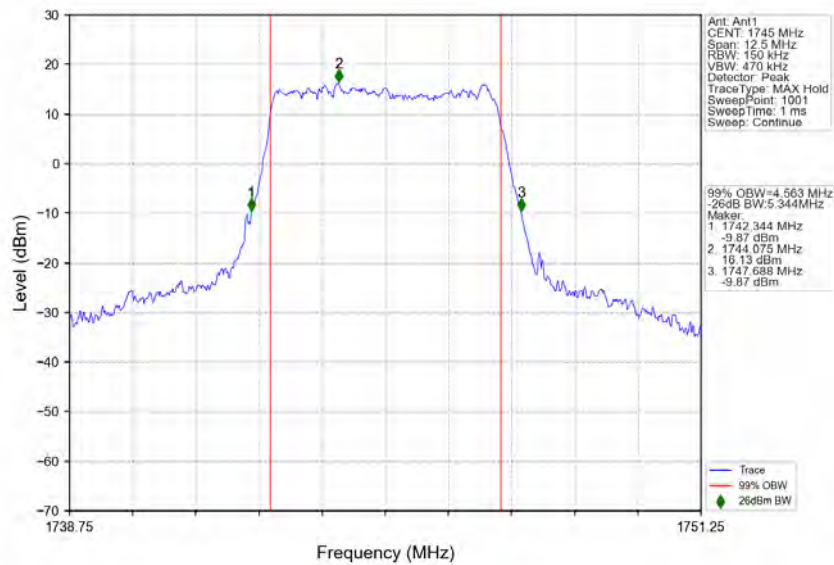
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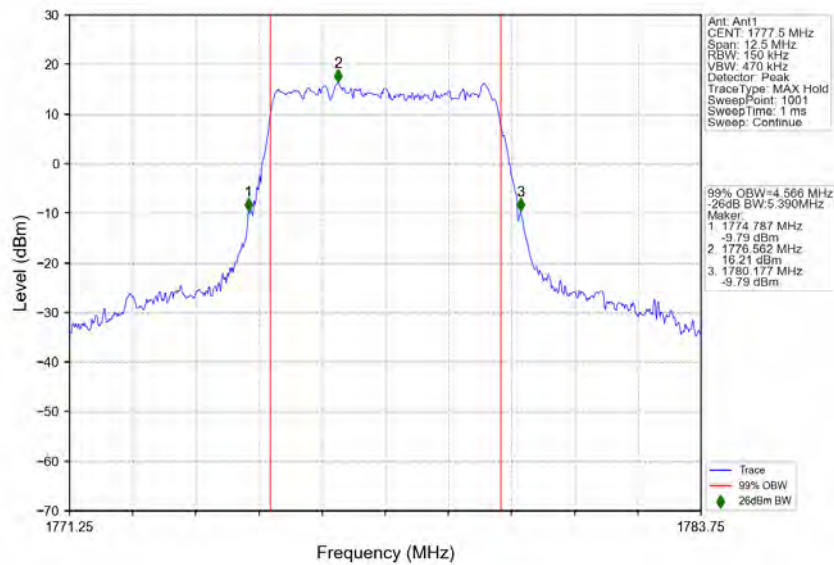
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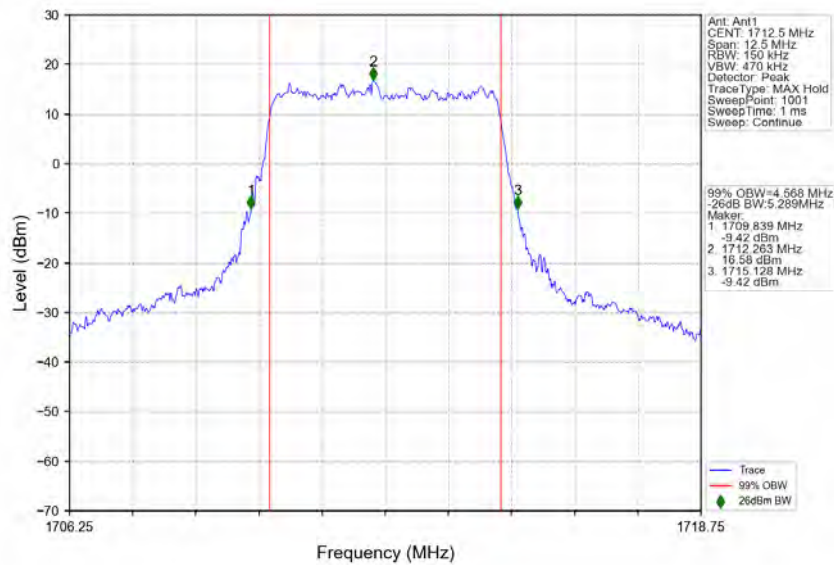
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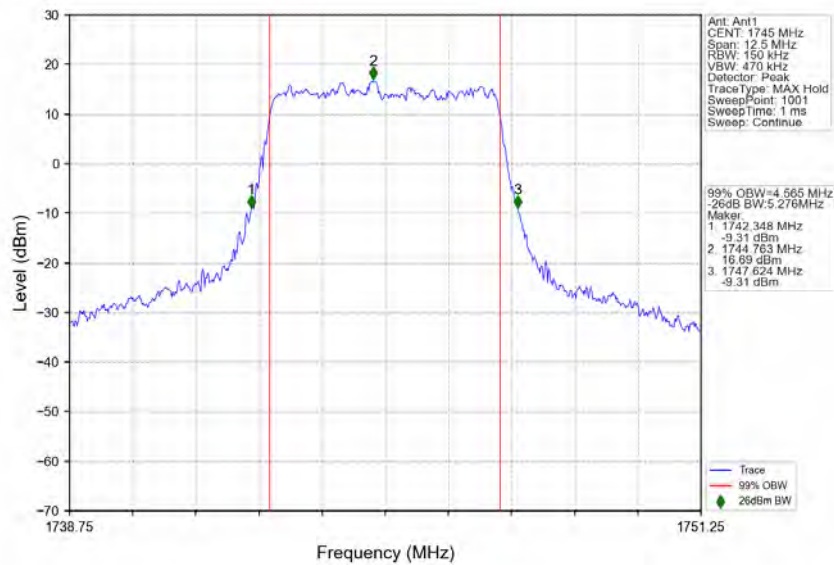
n66_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_1777.5MHz_Outer_Full



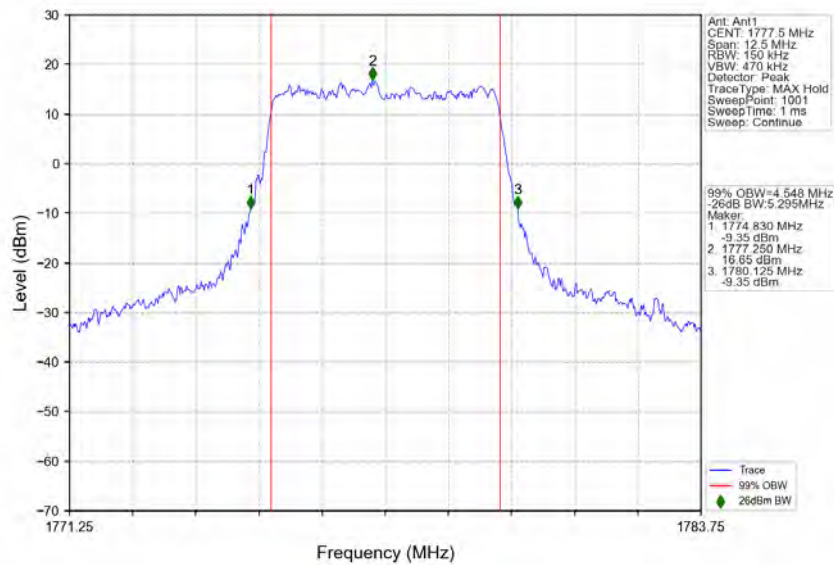
n66_15kHz_SISO_NTNV_5MHz_CP-OFDM_16_QAM_1712.5MHz_Outer_Full



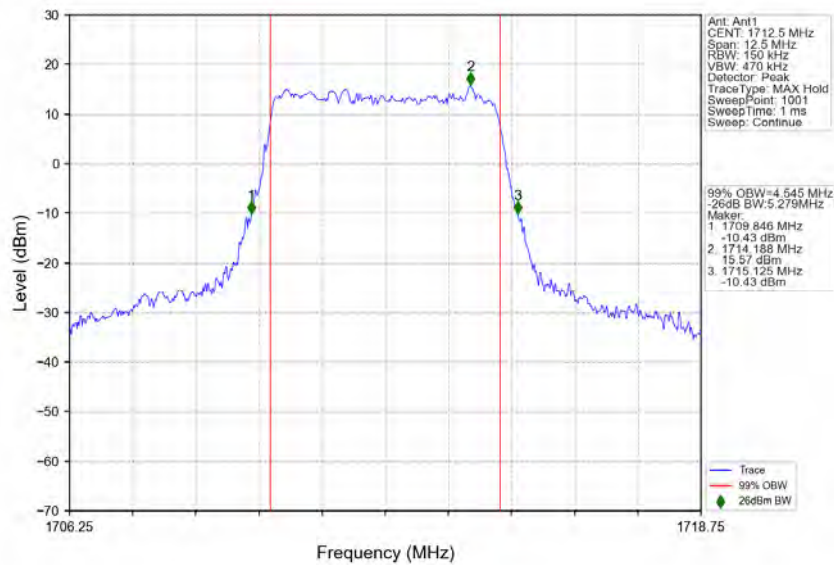
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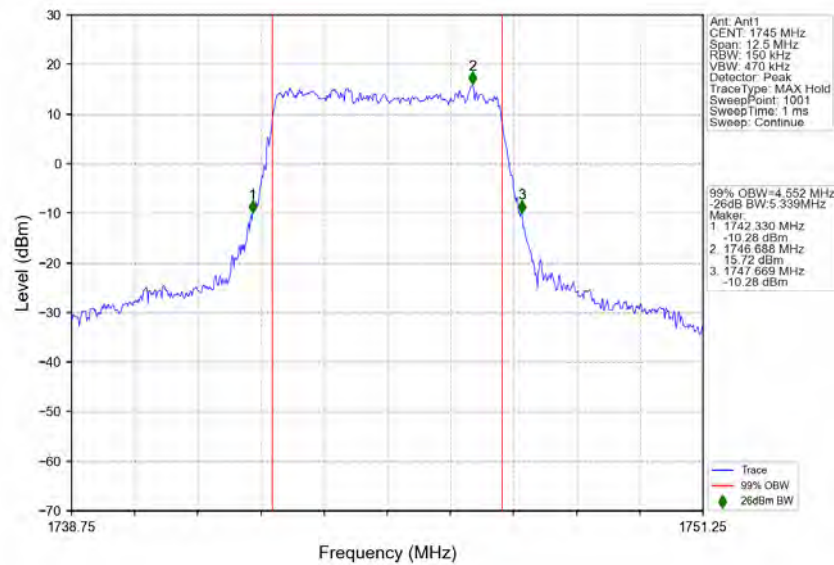
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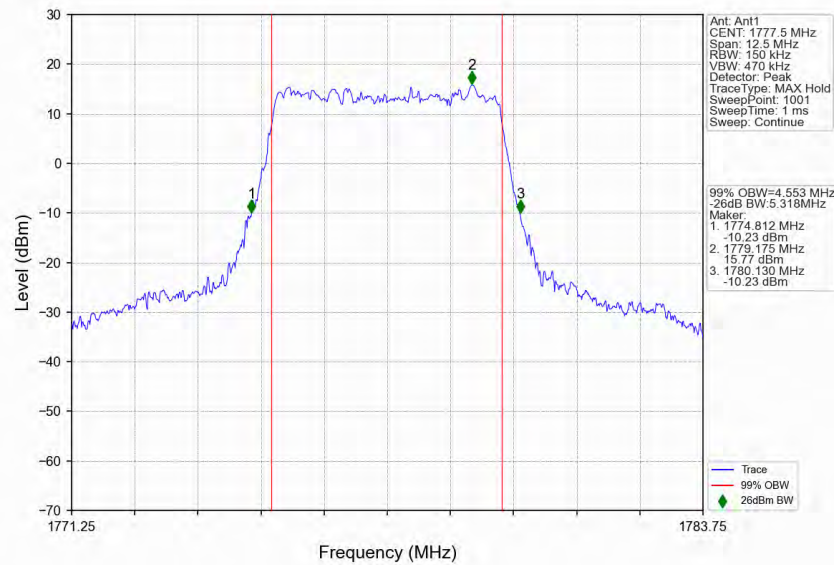
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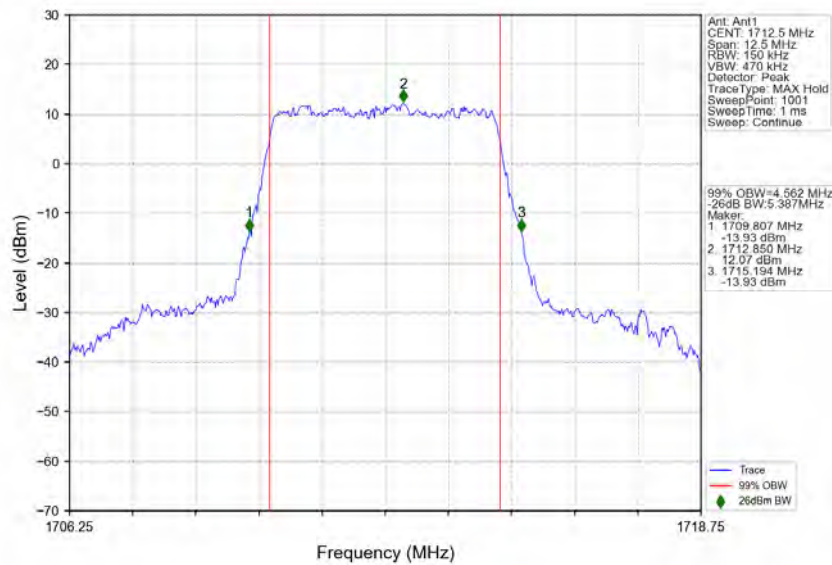
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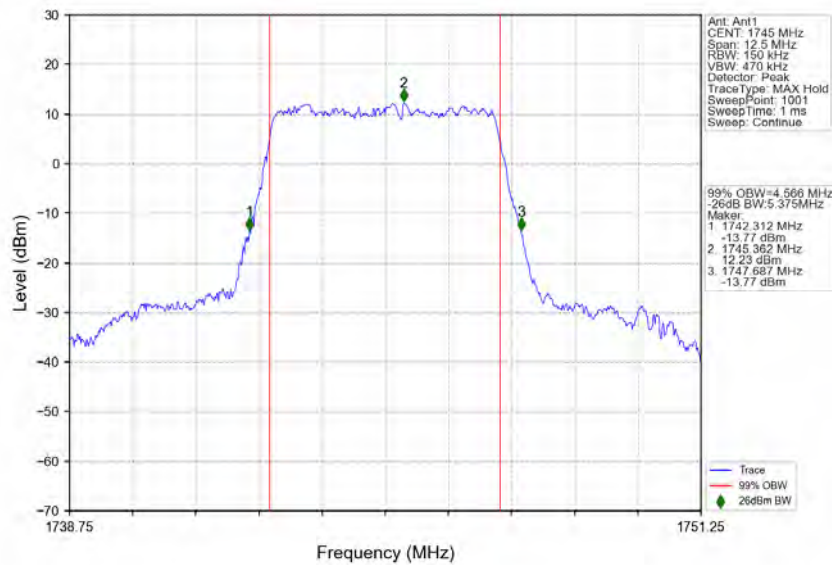
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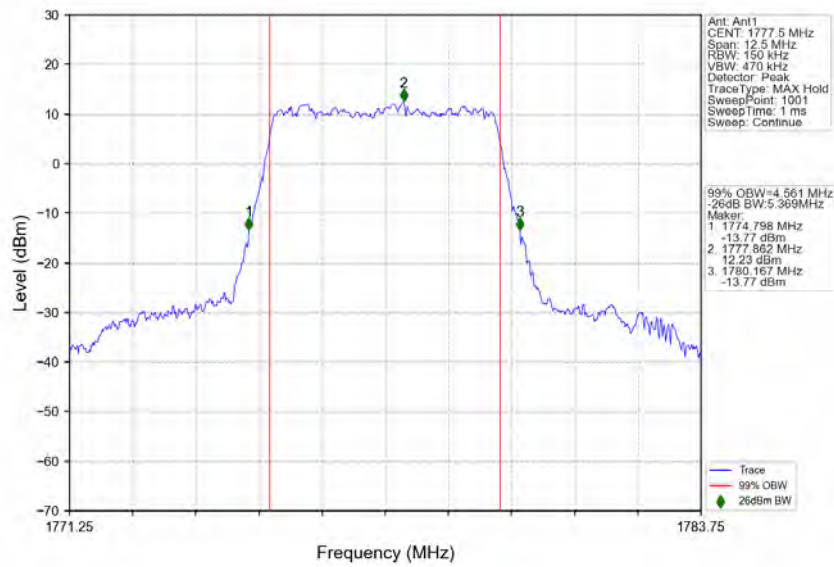
n66_15kHz_SISO_NTNV_5MHz_CP-OFDM_256_QAM_1712.5MHz_Outer_Full



n66_15kHz_SISO_NTNV_5MHz_CP-OFDM_256_QAM_1745MHz_Outer_Full

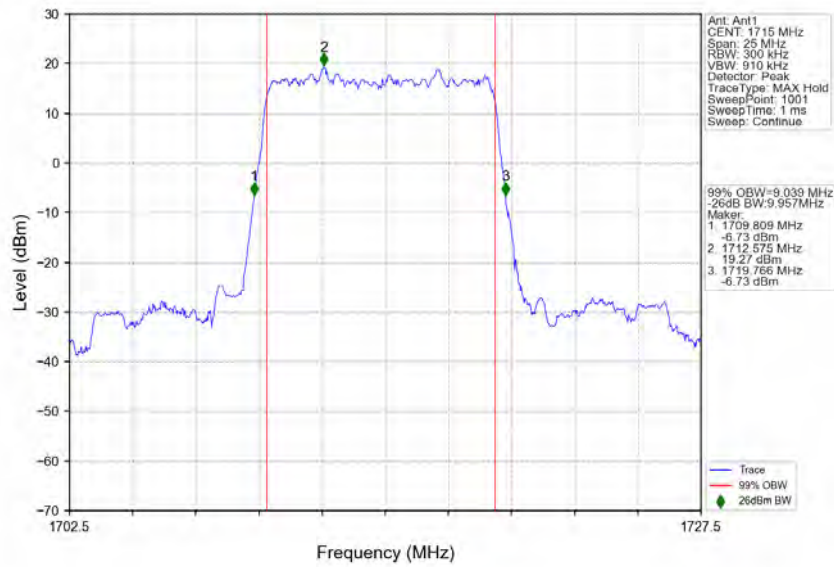


n66_15kHz_SISO_NTNV_5MHz_CP-OFDM_256_QAM_1777.5MHz_Outer_Full

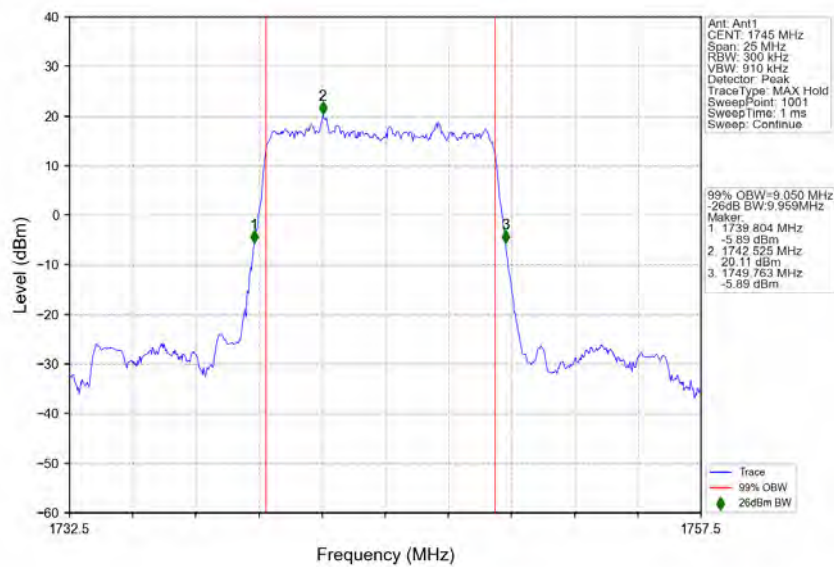


3.2.2 15k_SISO_10MHz_NTNV

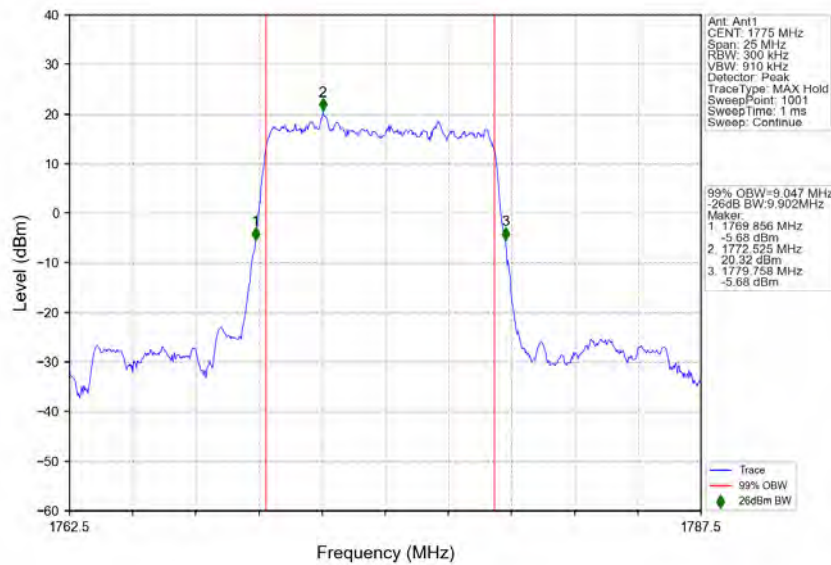
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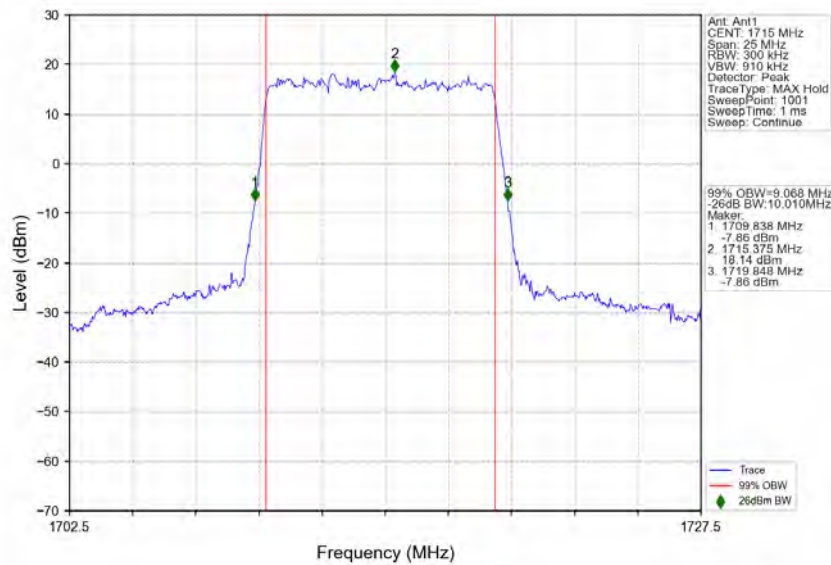
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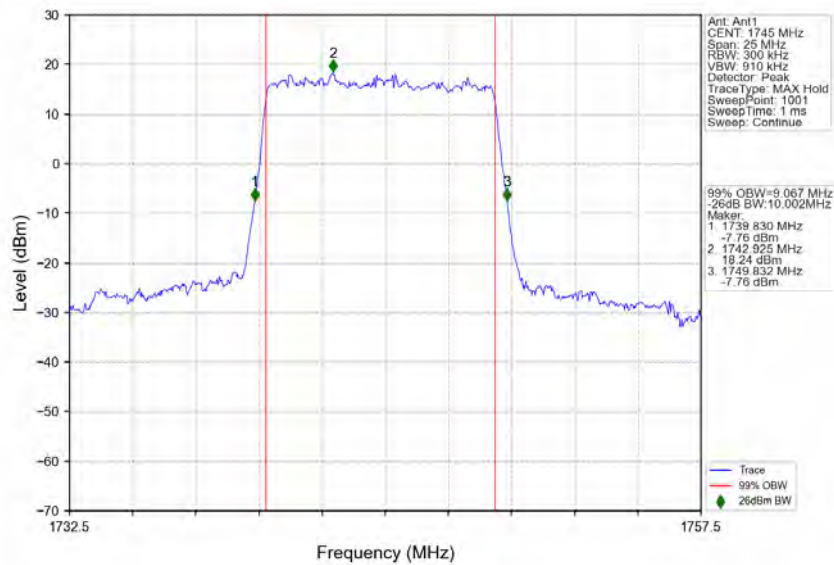
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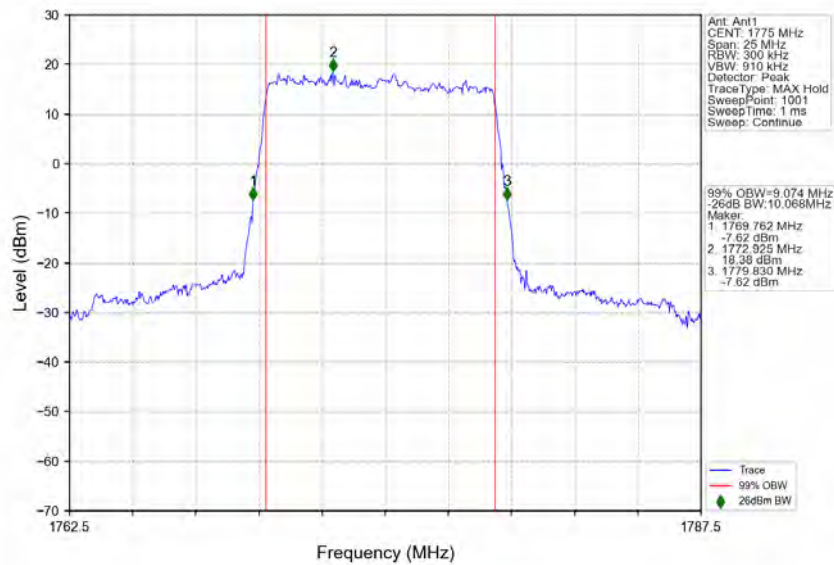
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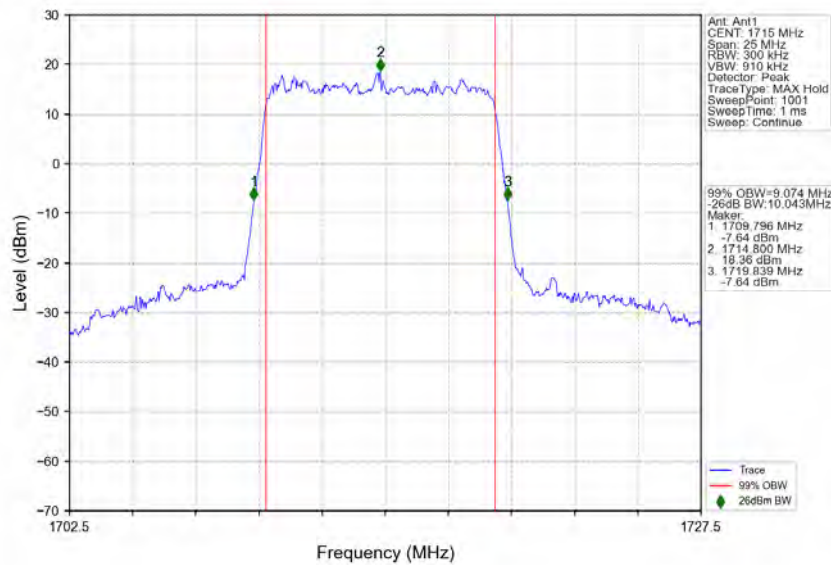
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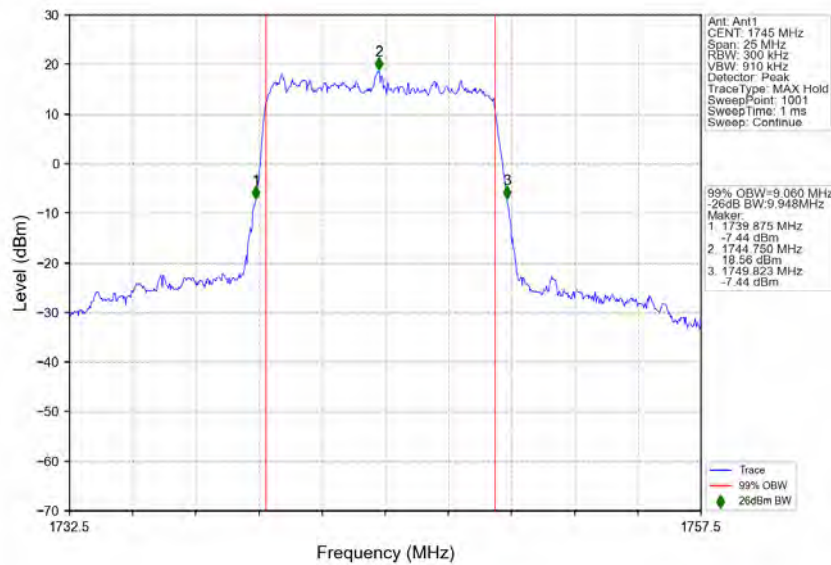
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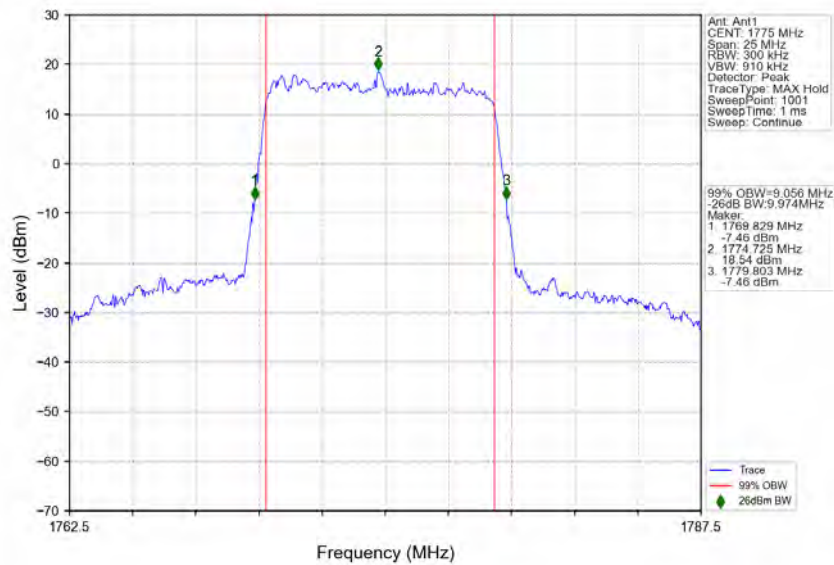
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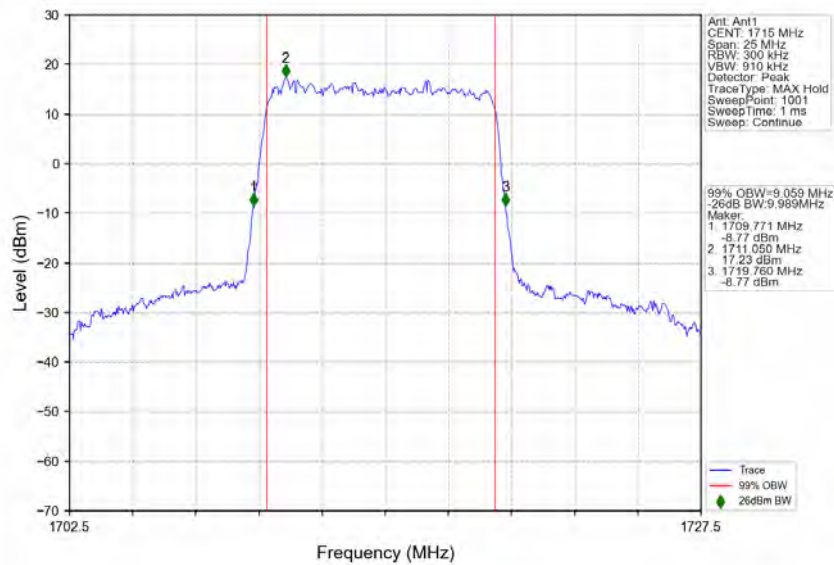
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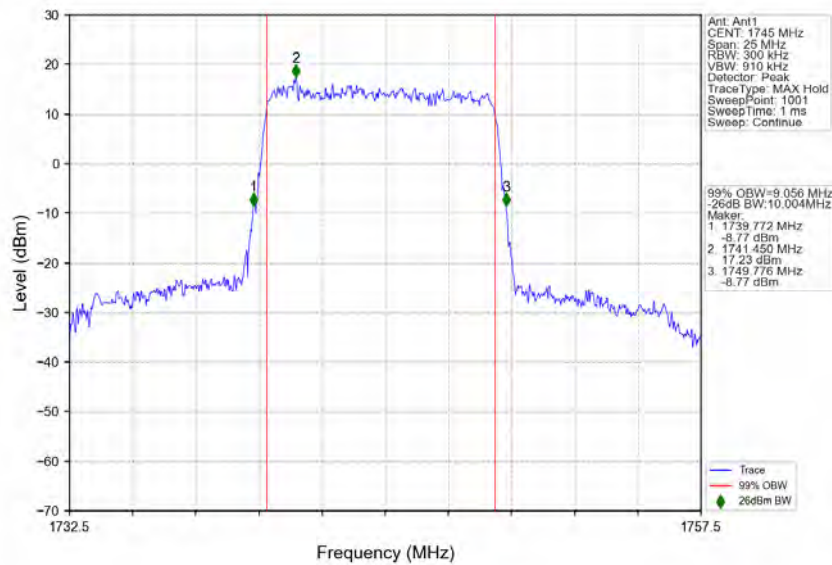
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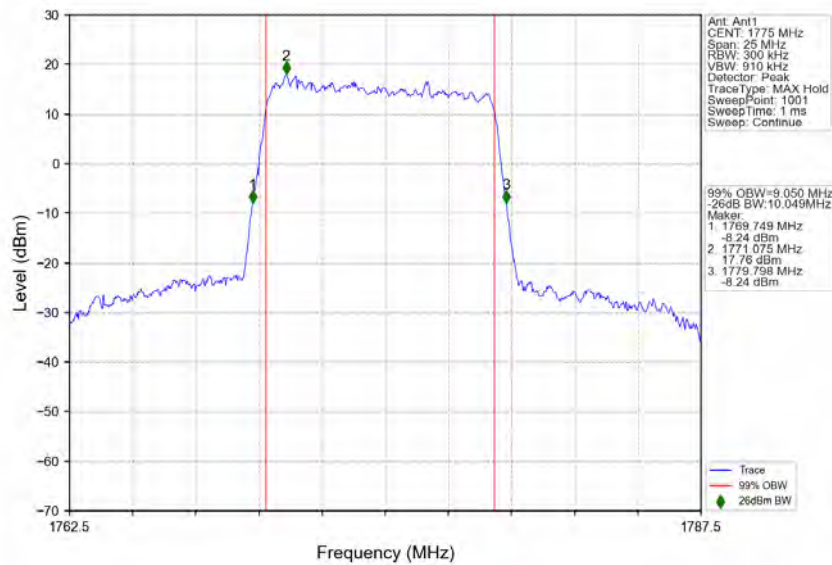
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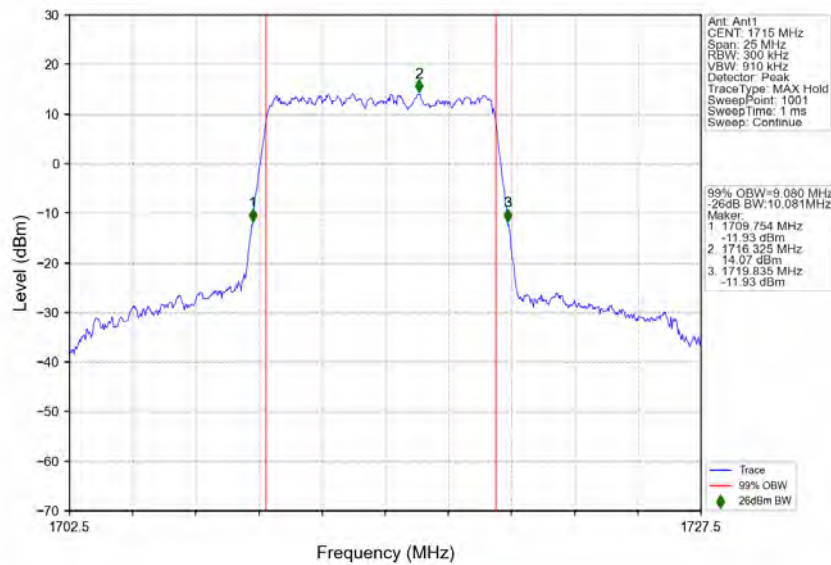
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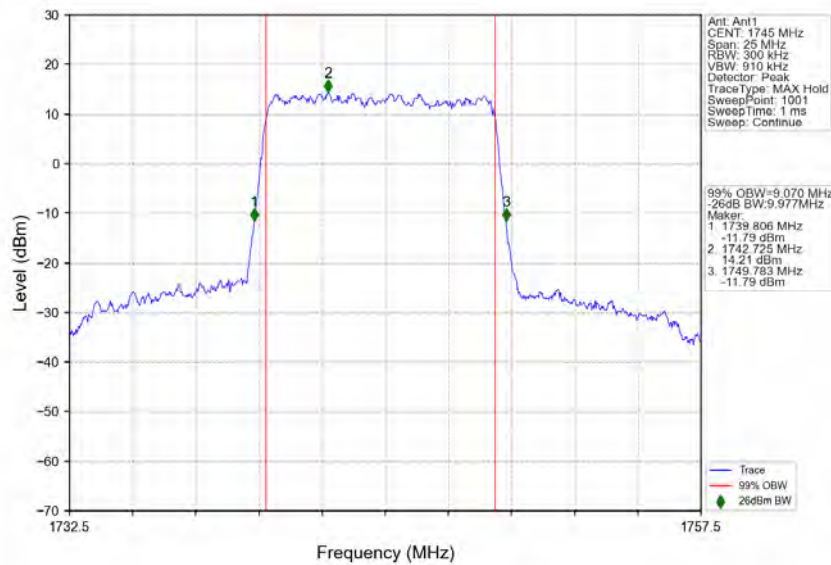
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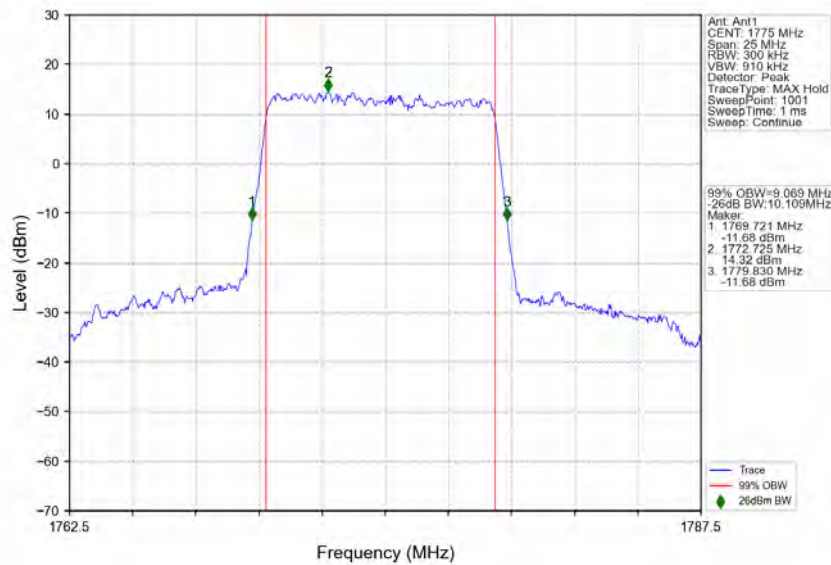
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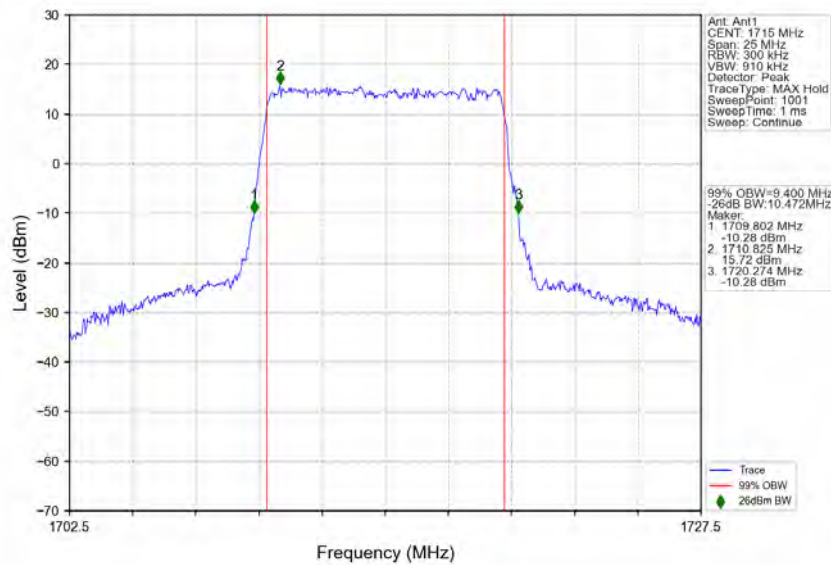
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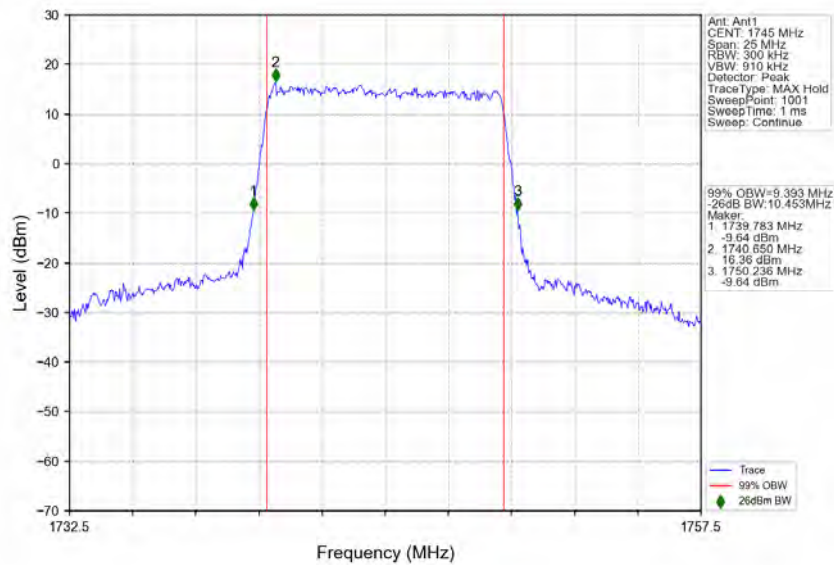
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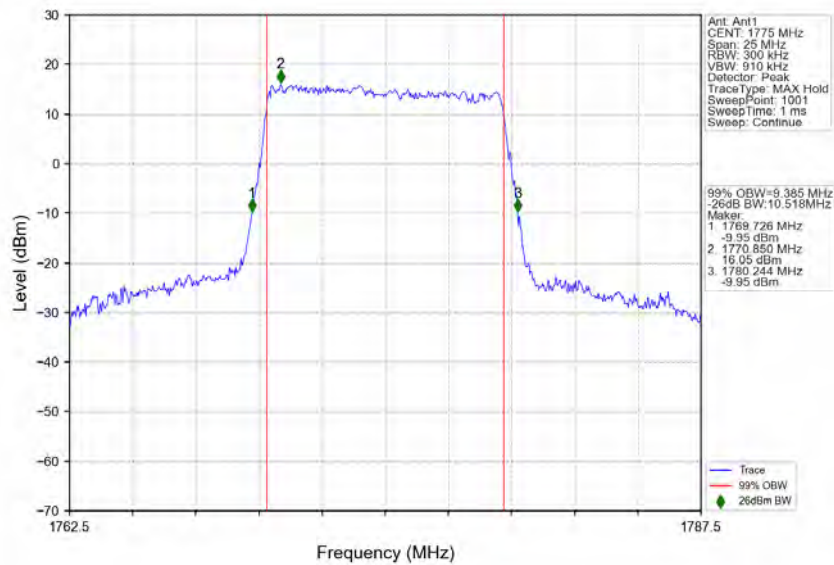
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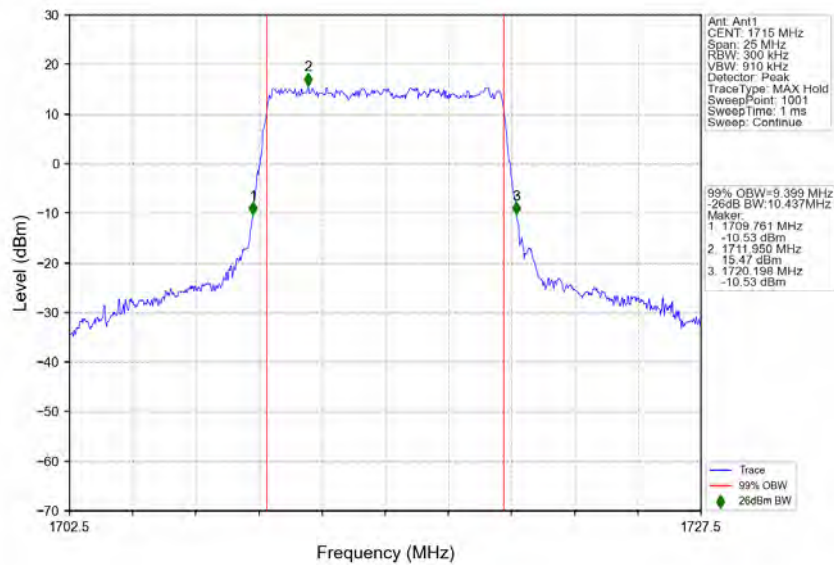
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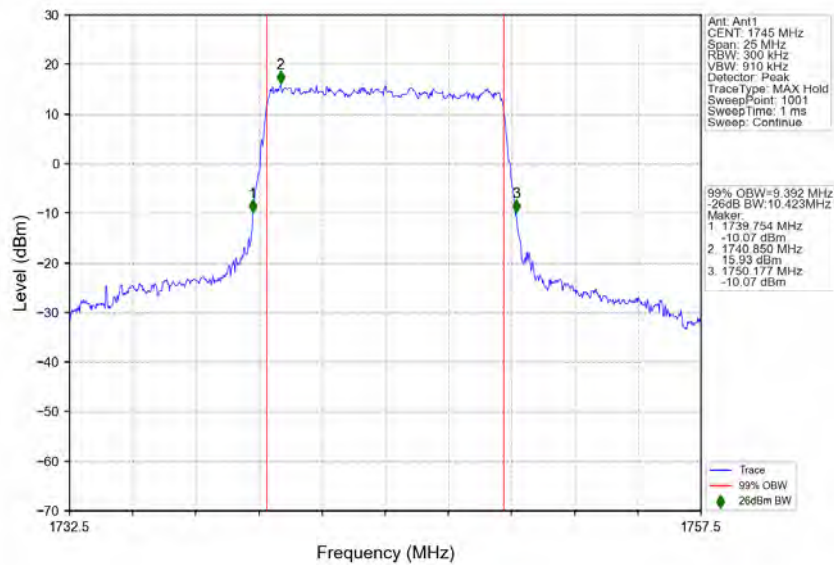
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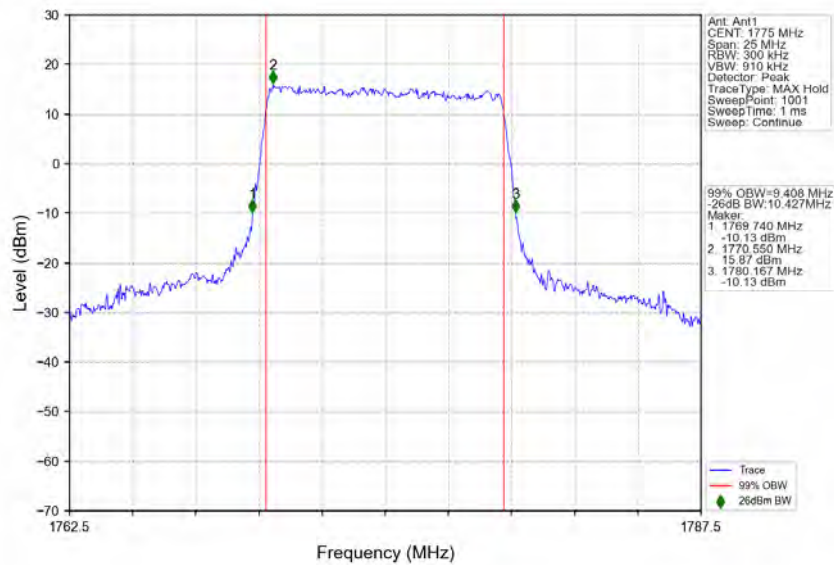
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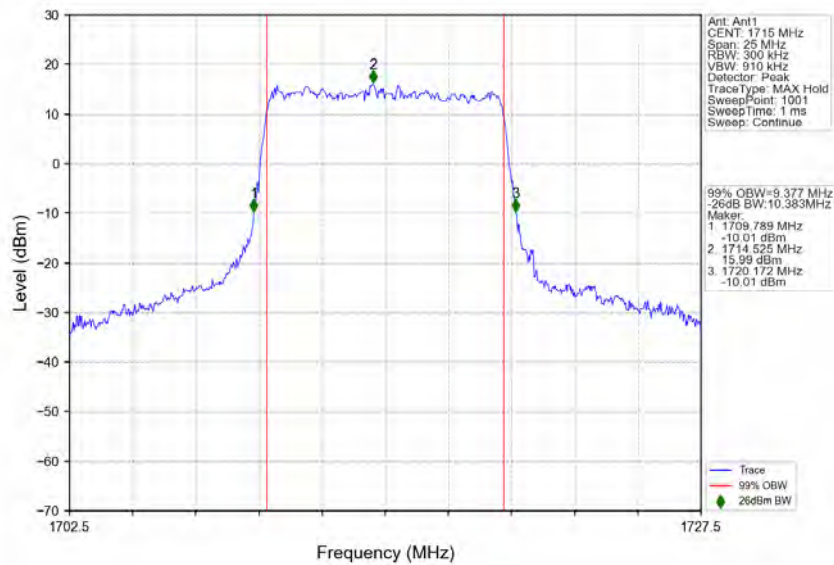
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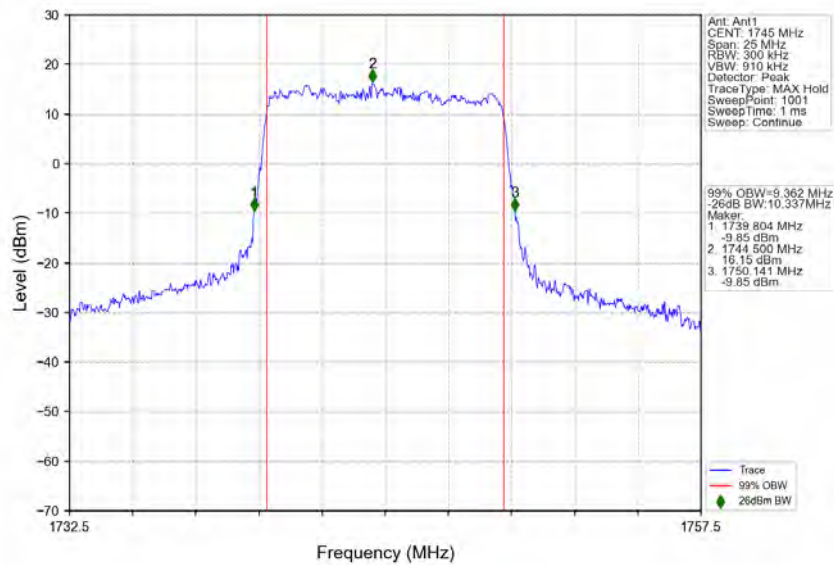
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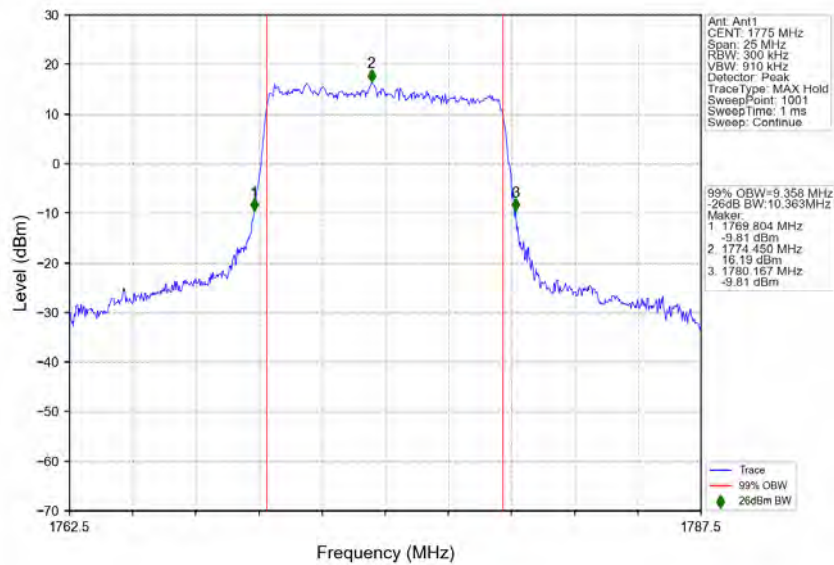
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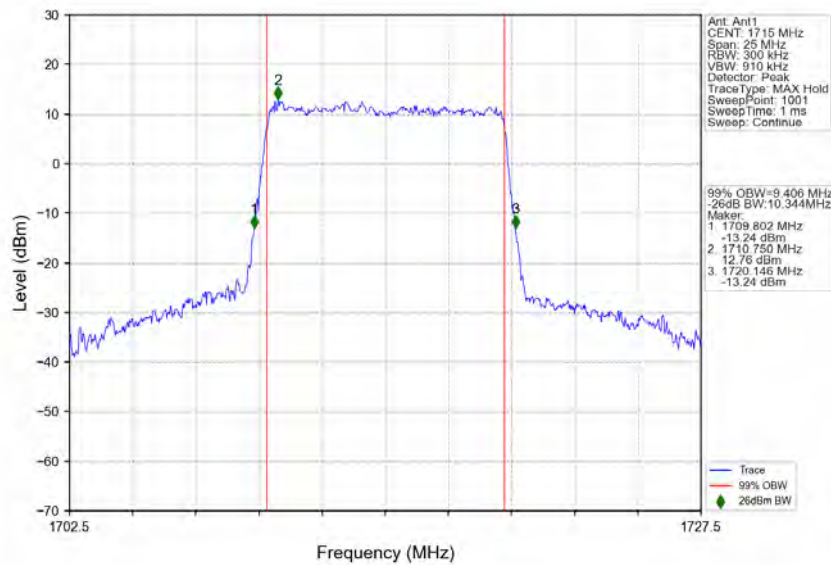
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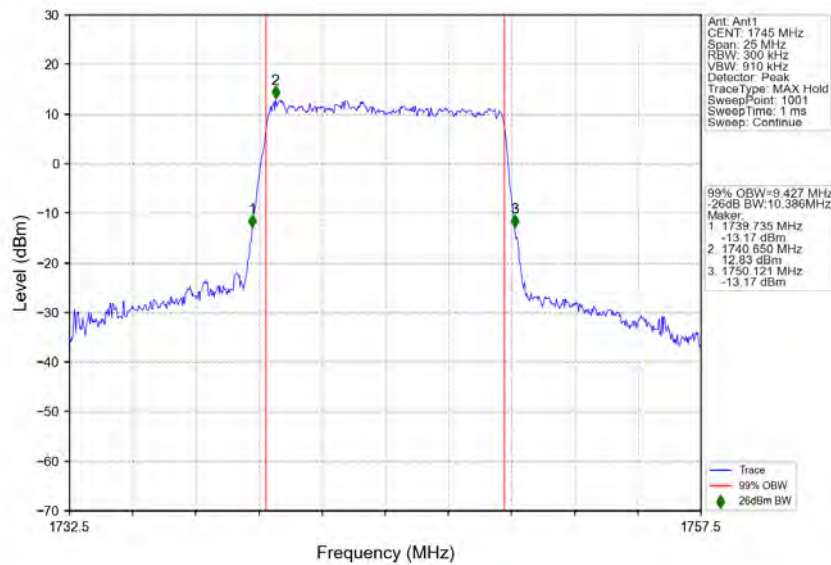
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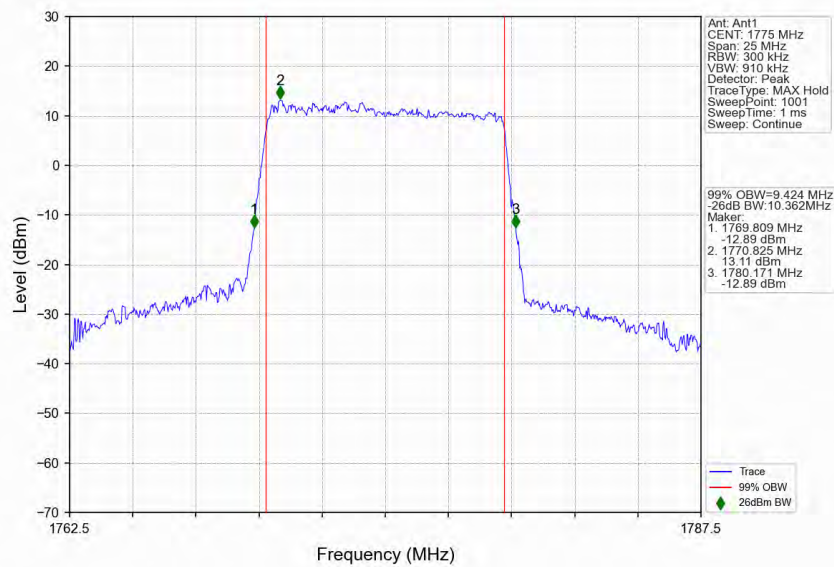
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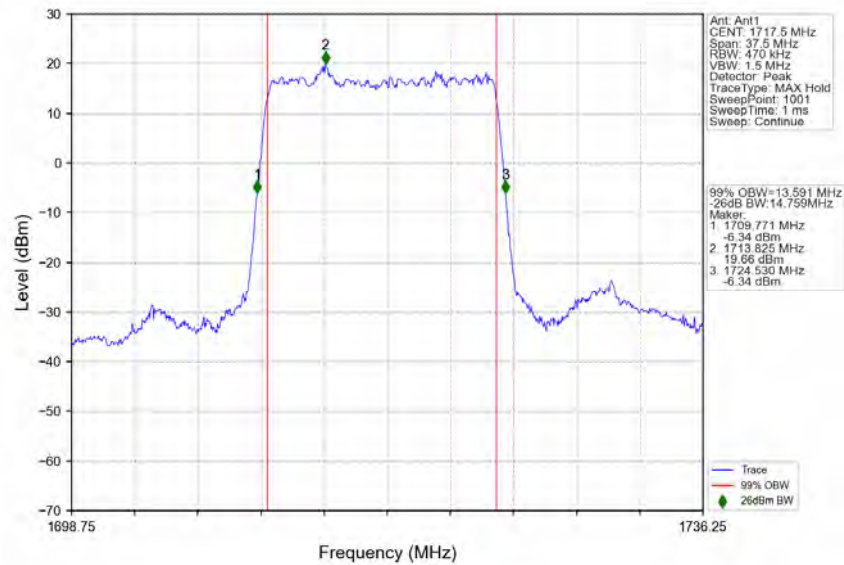


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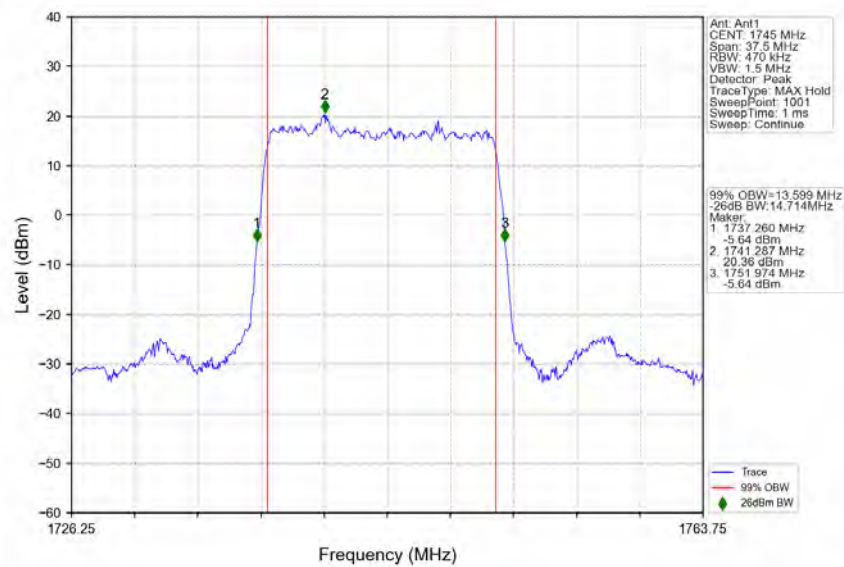


3.2.3 15k_SISO_15MHz_NTNV

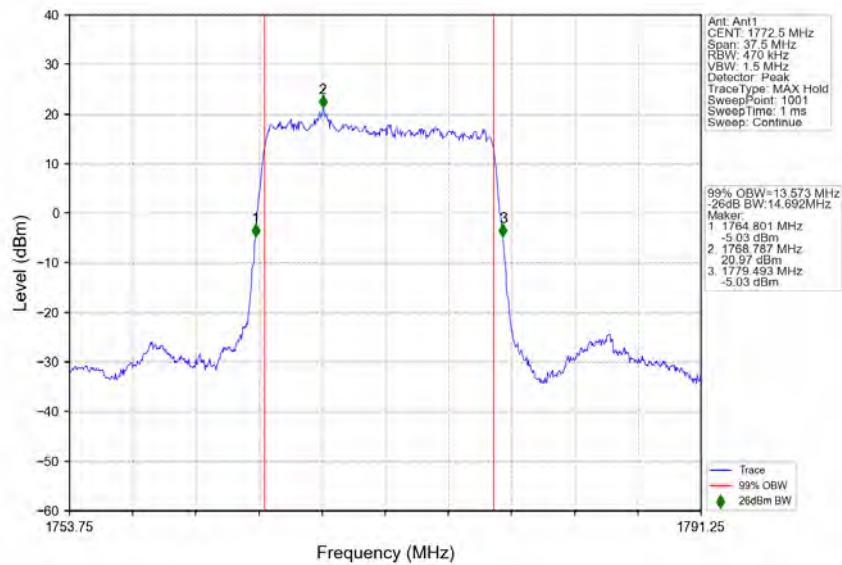
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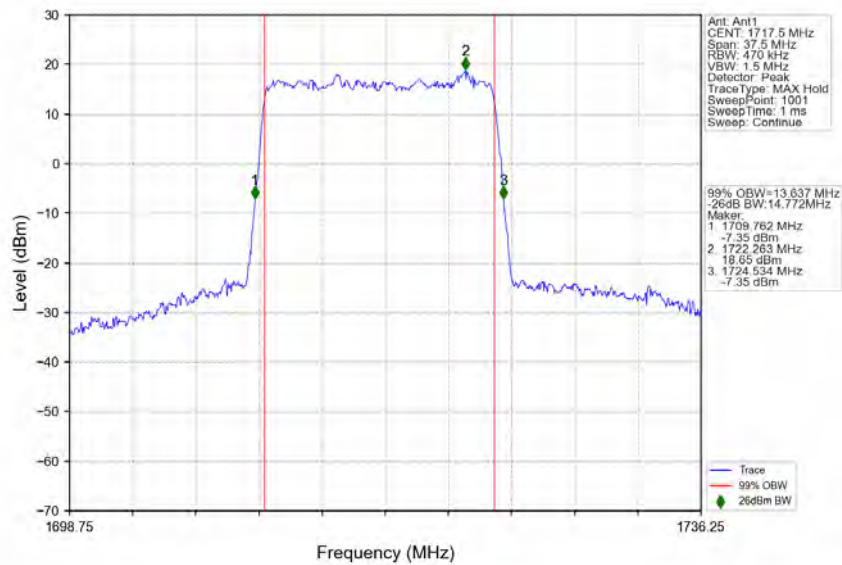
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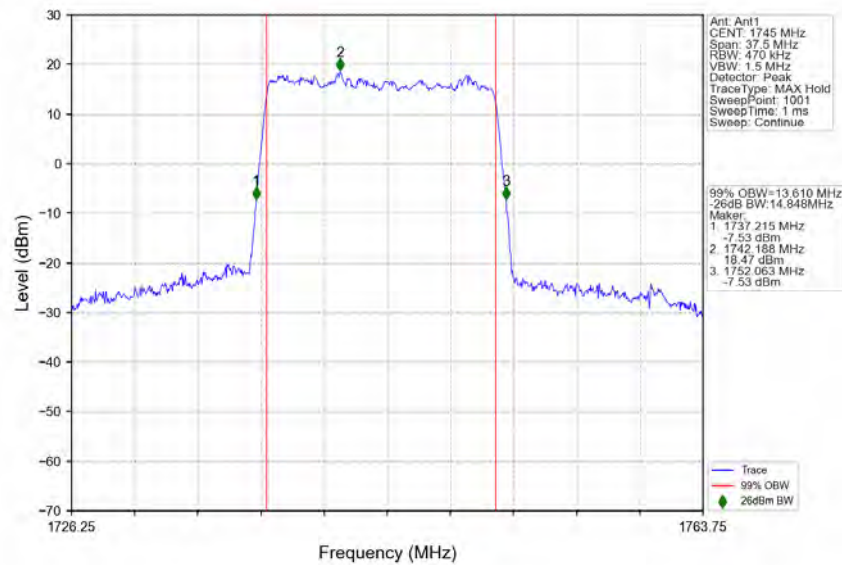
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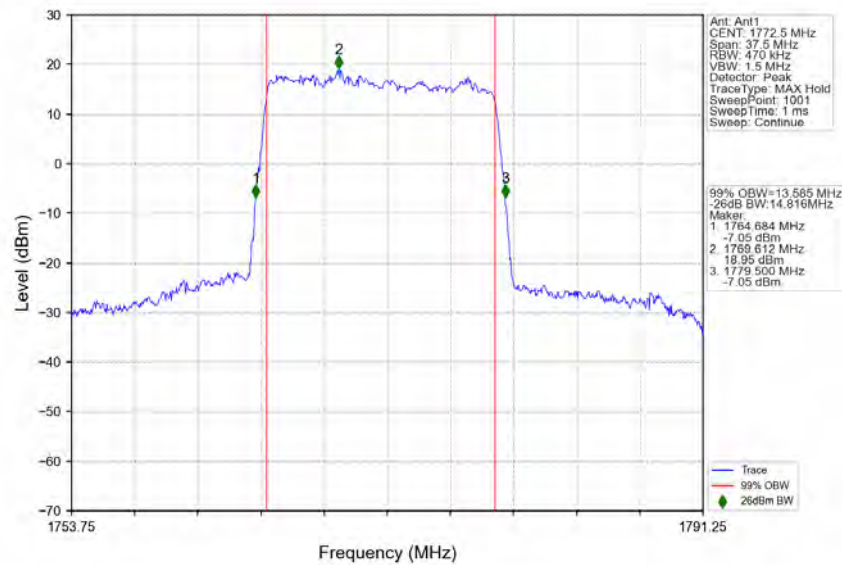
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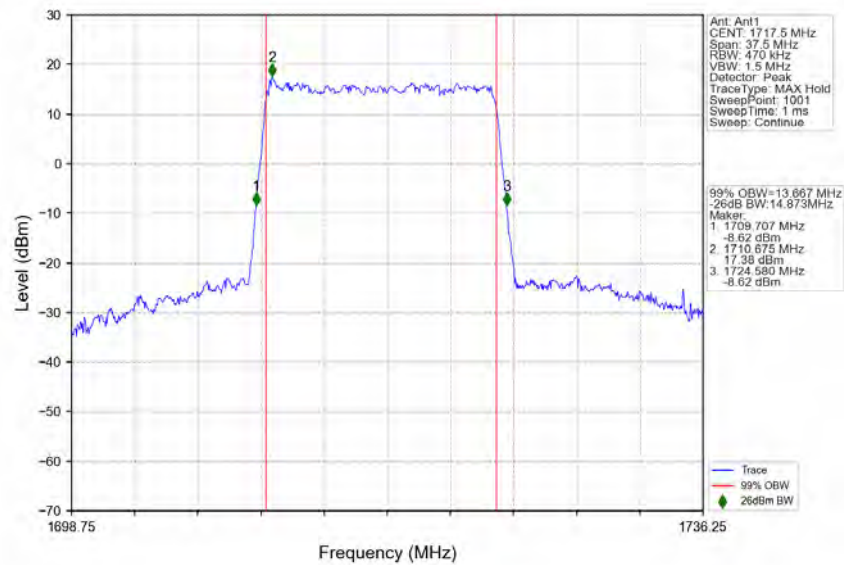
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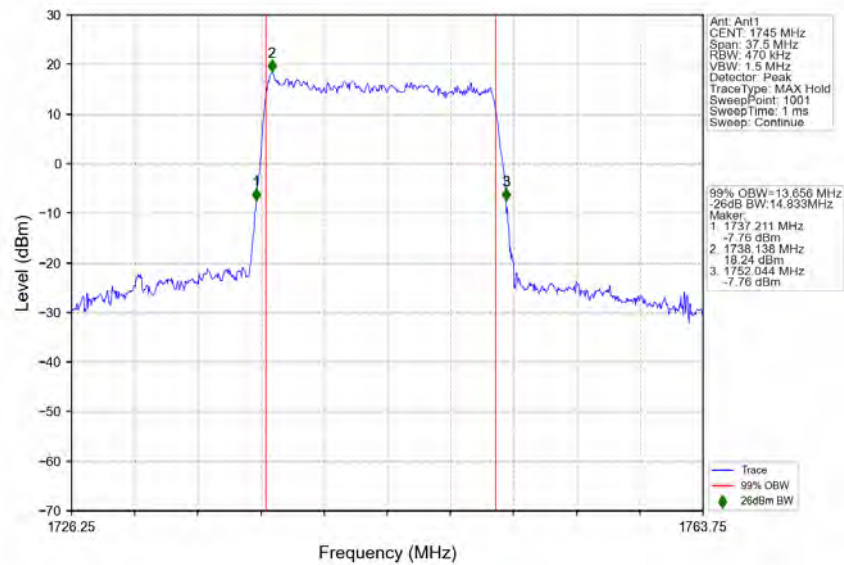
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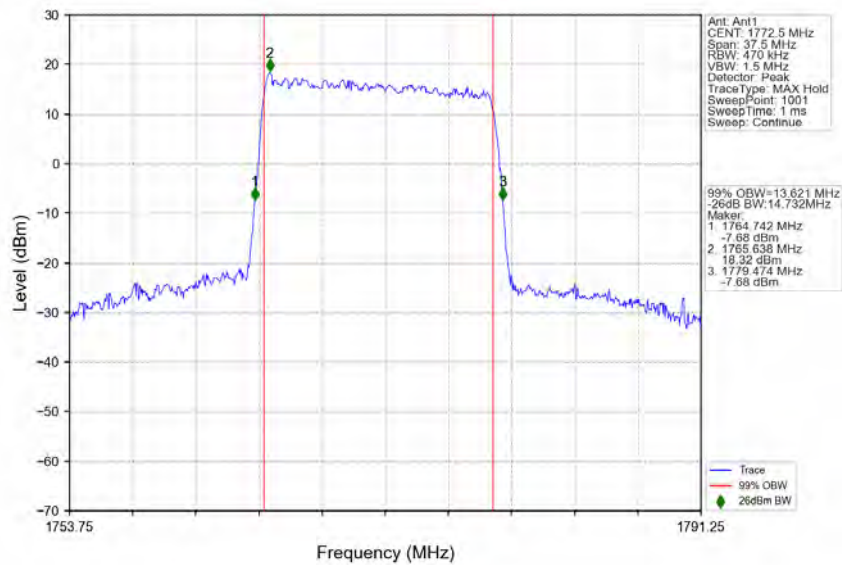
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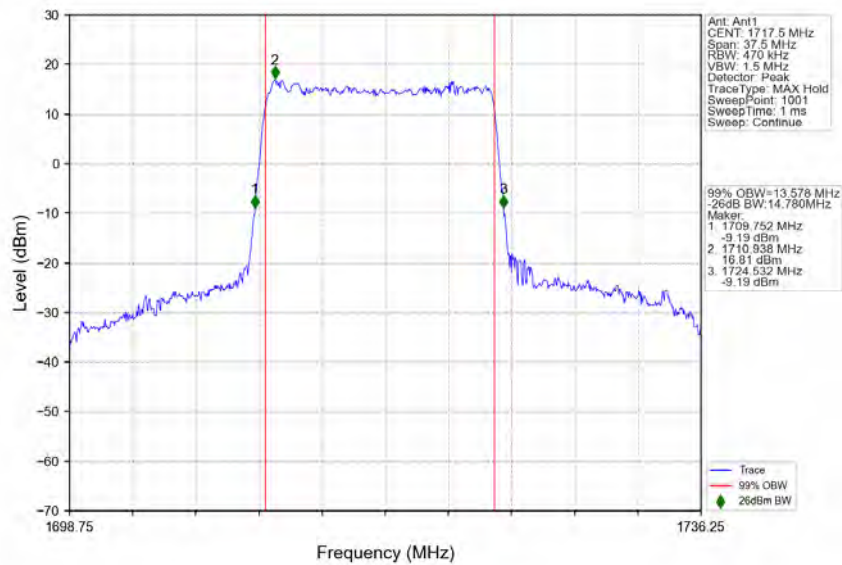
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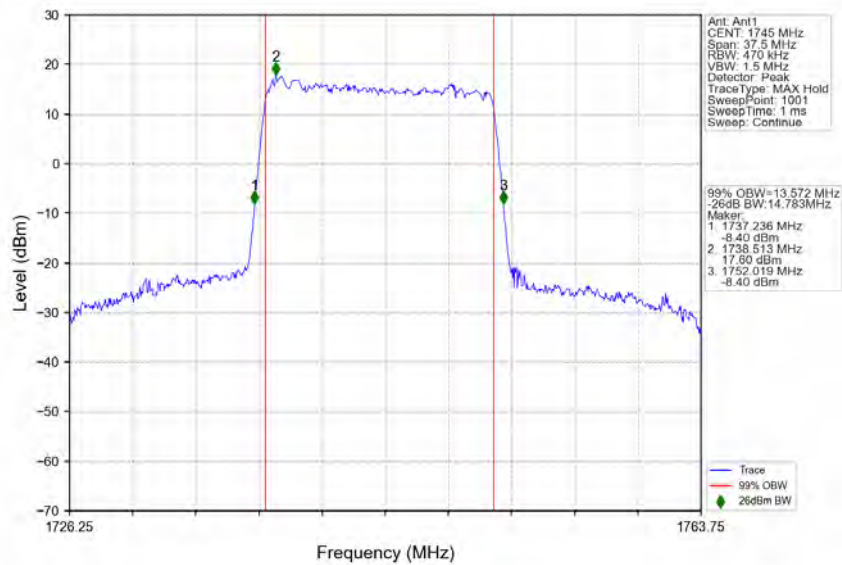
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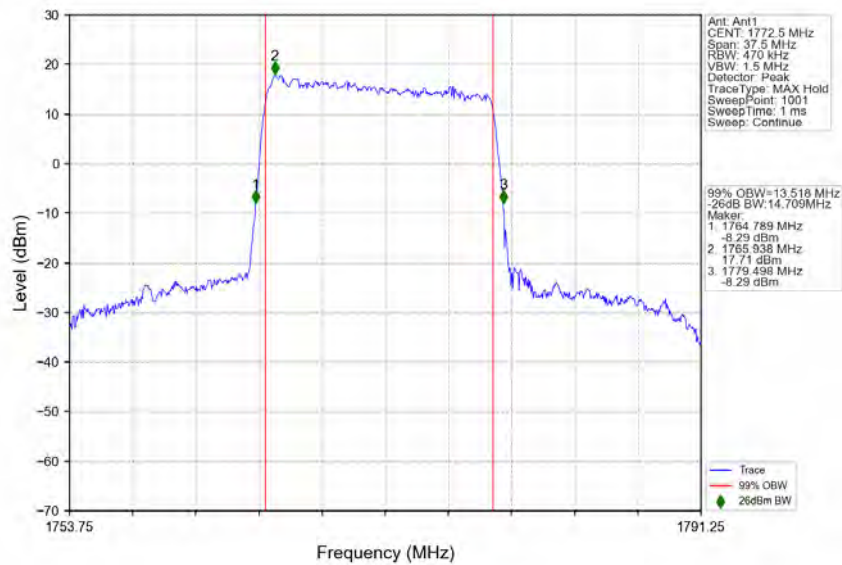
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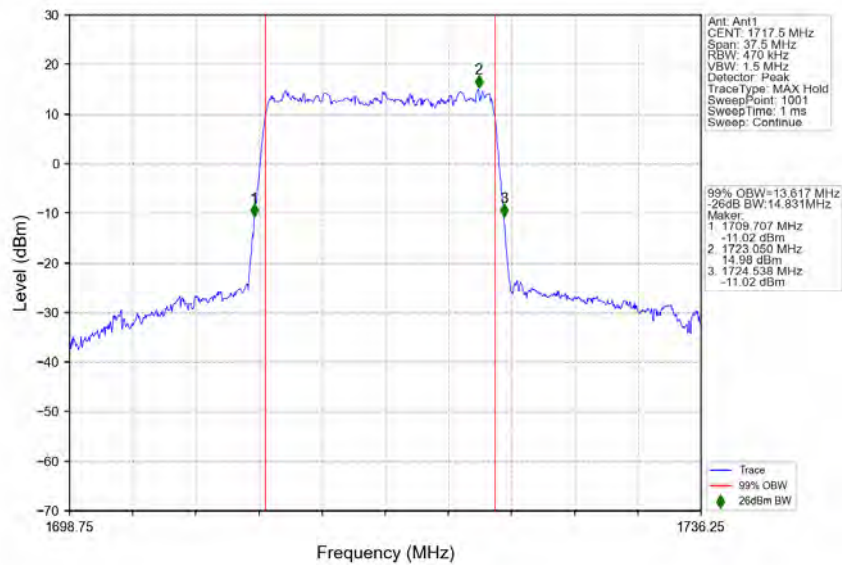
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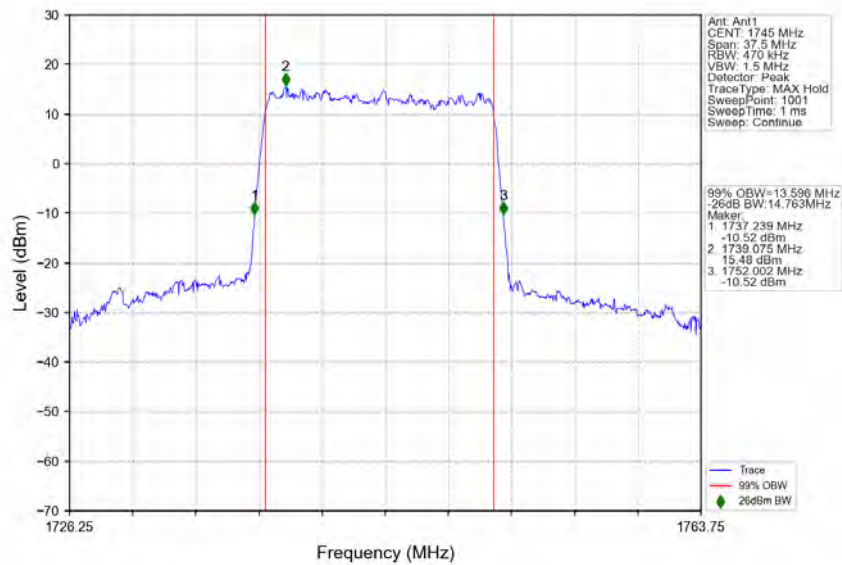
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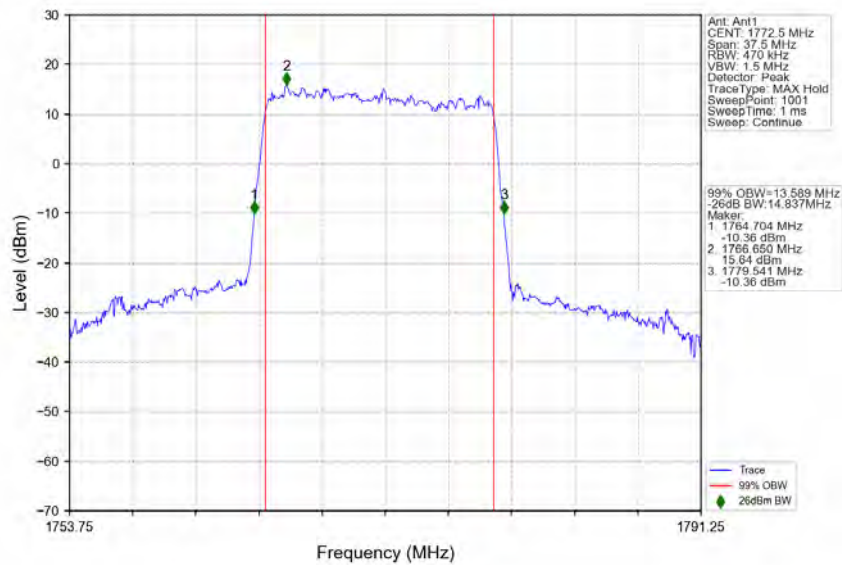
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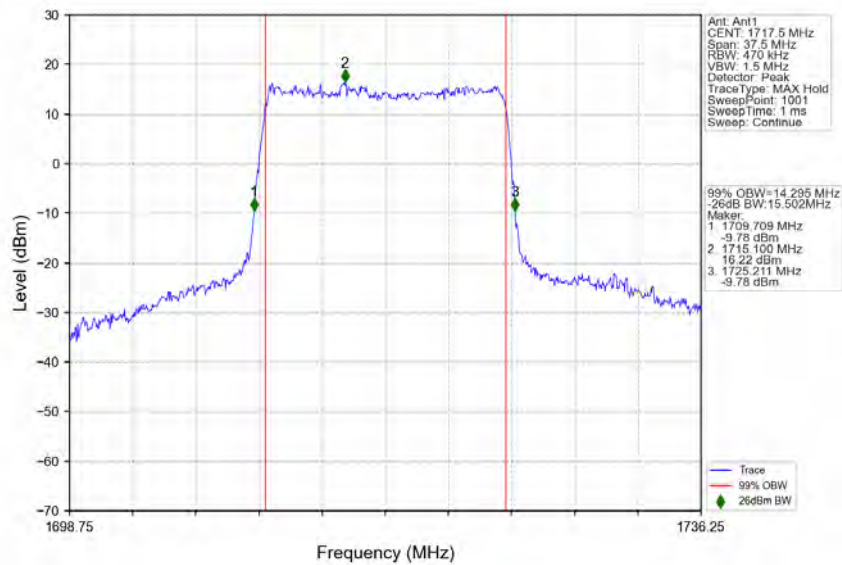
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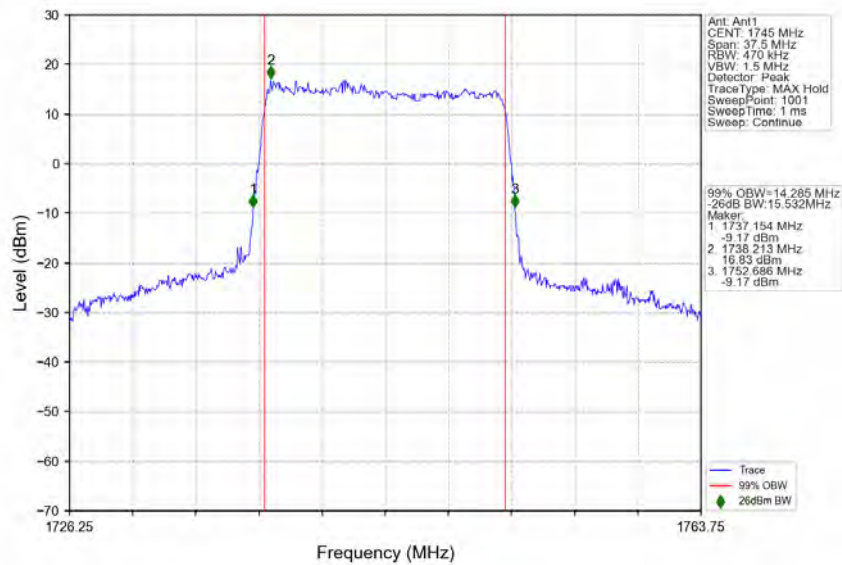
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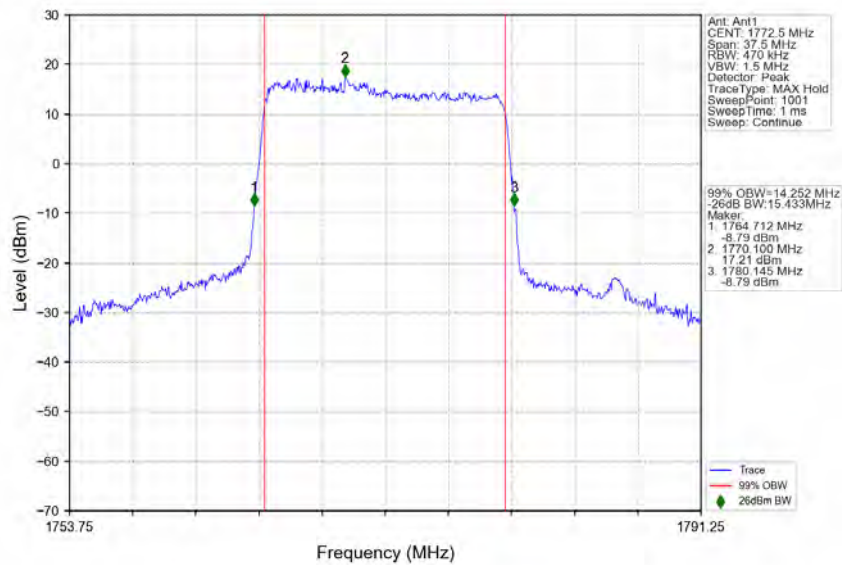
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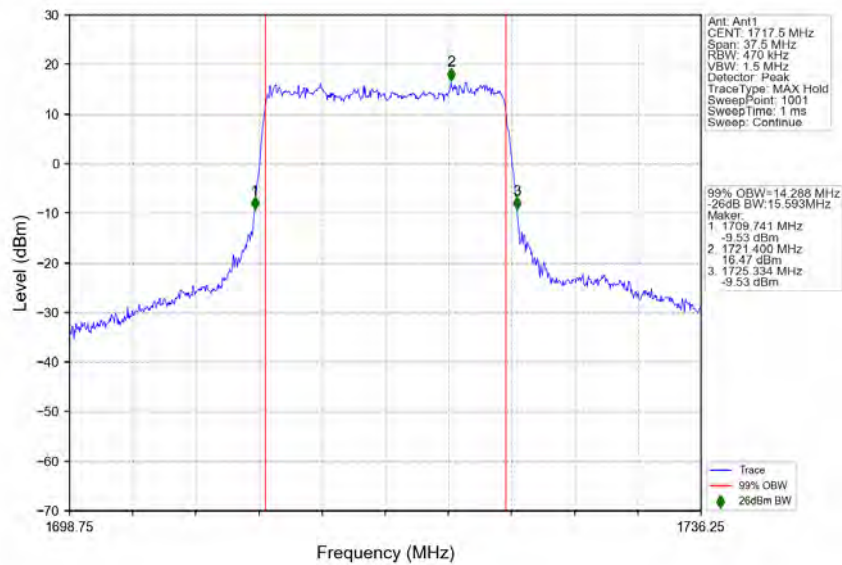
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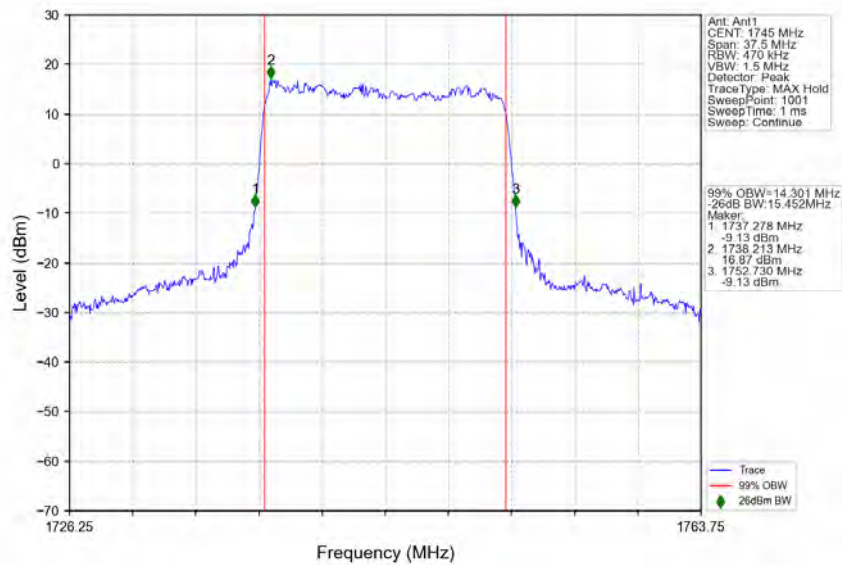
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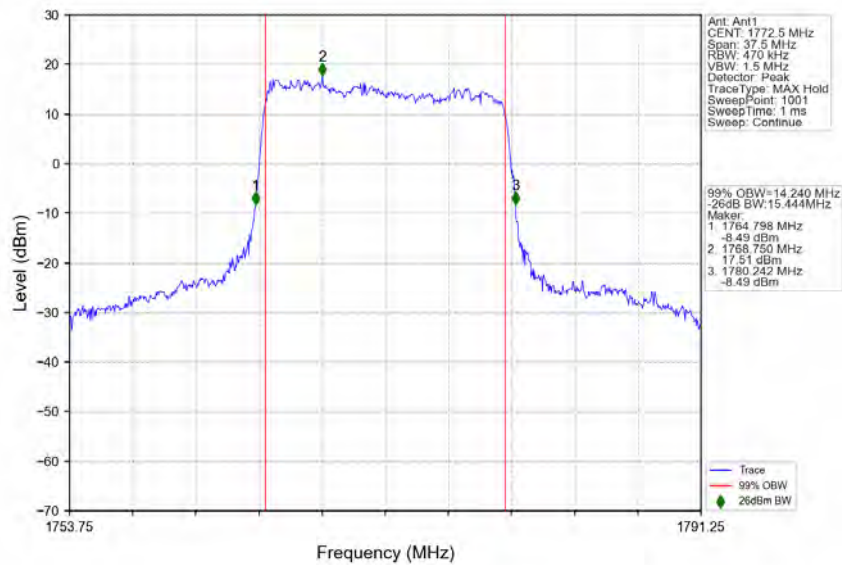
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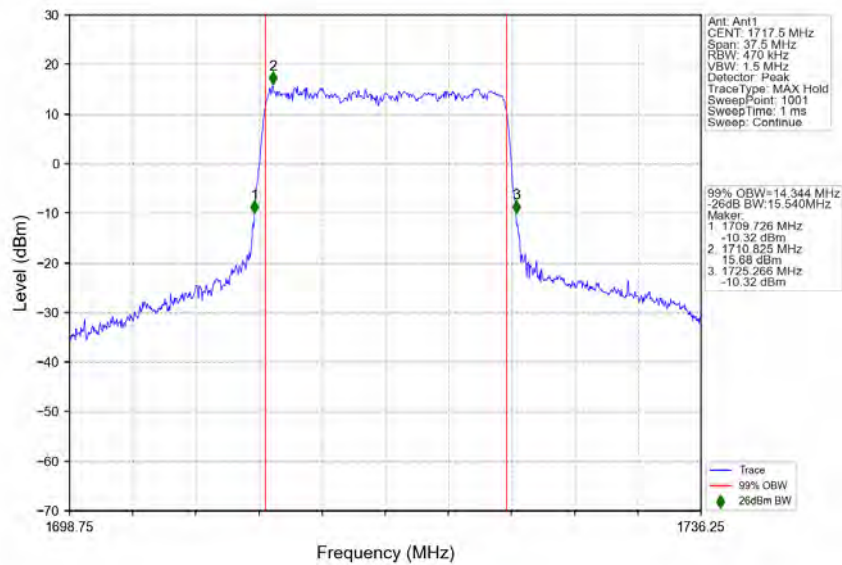
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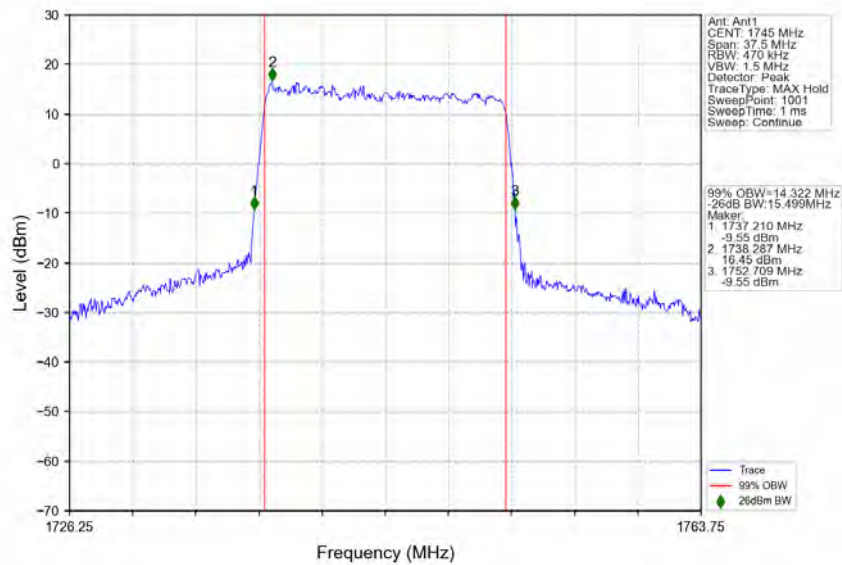
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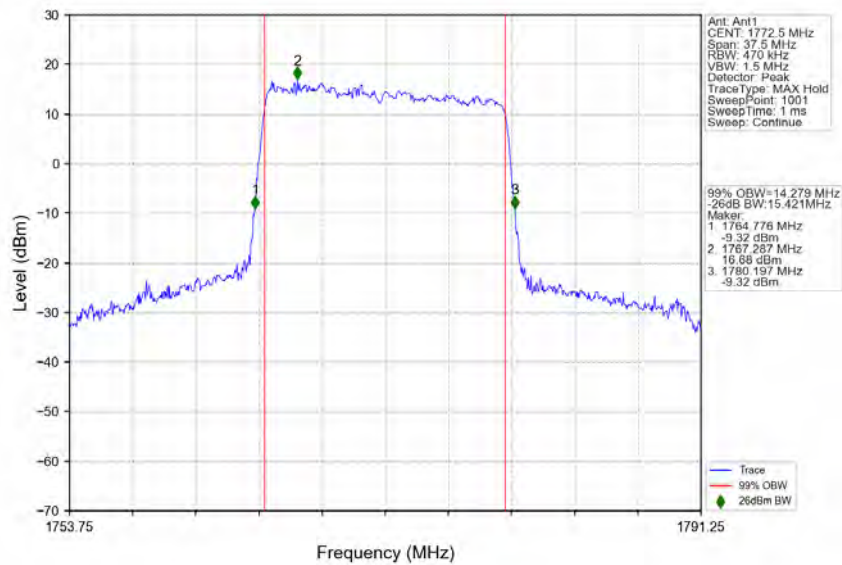
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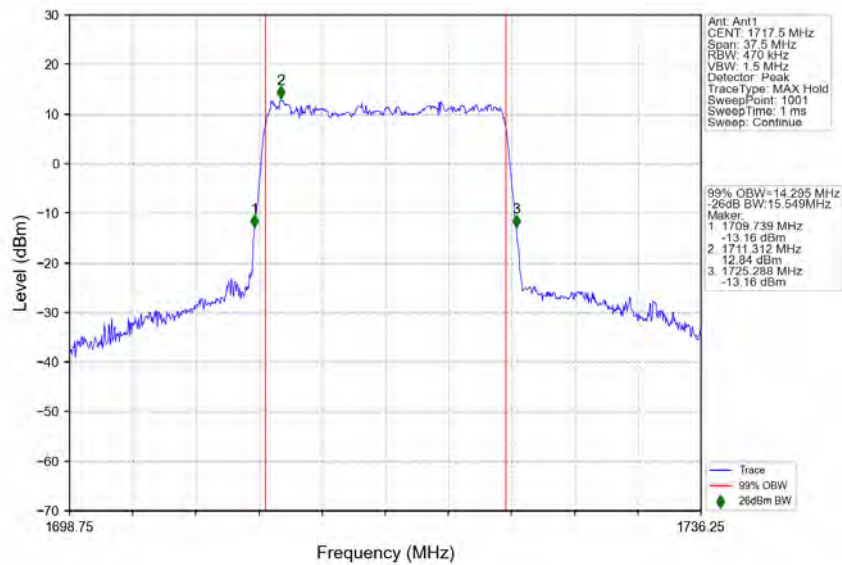
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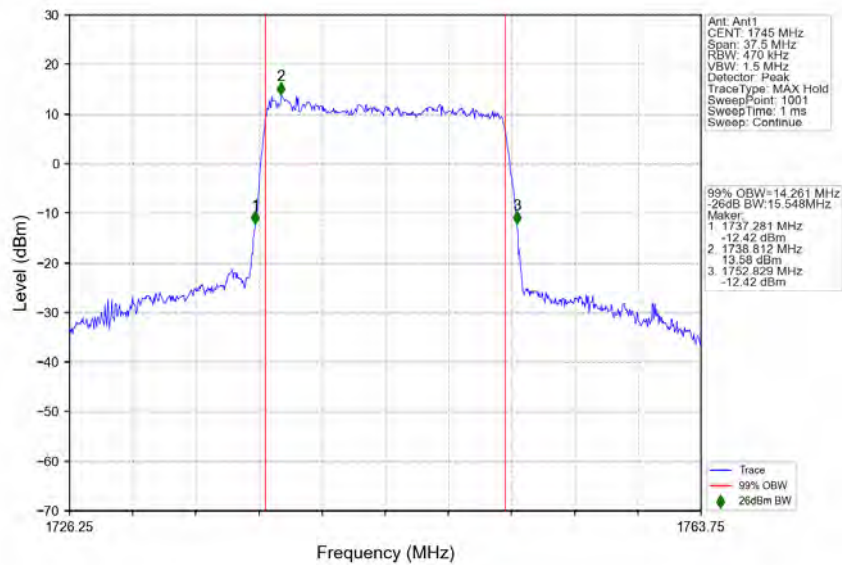
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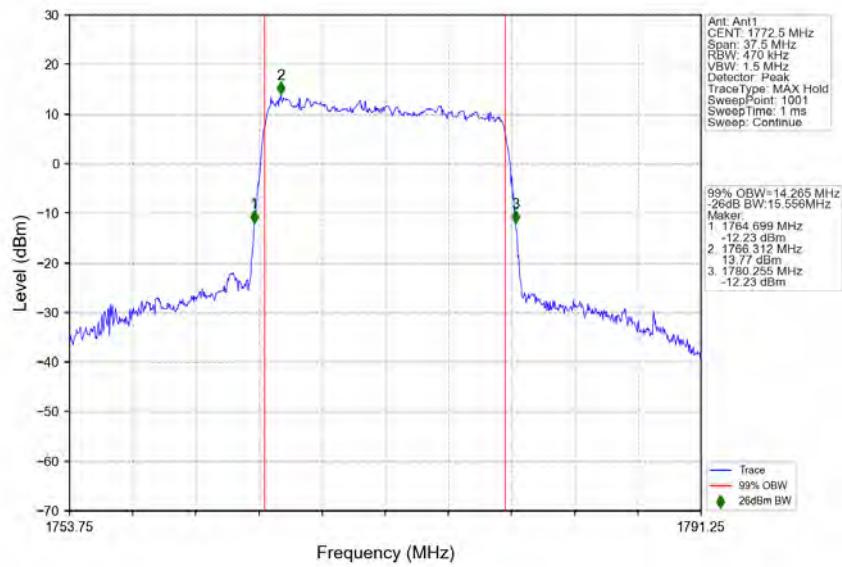
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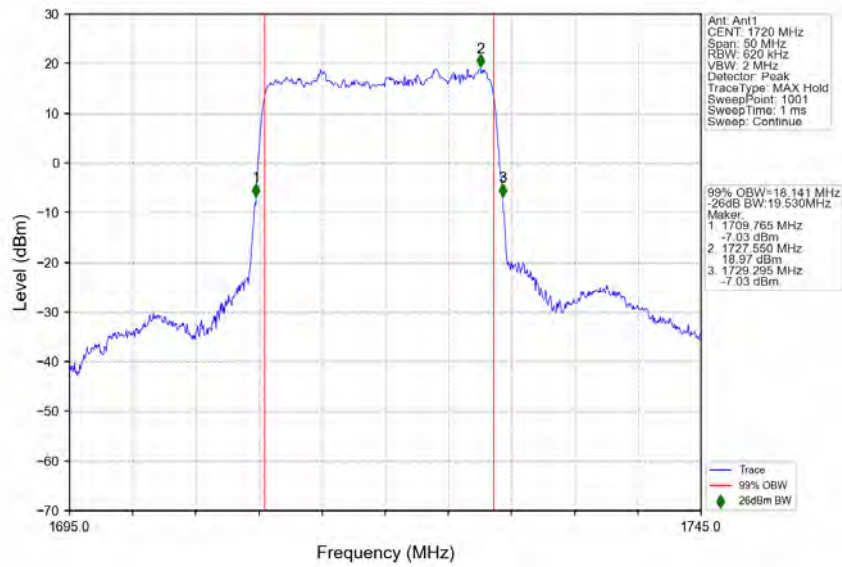


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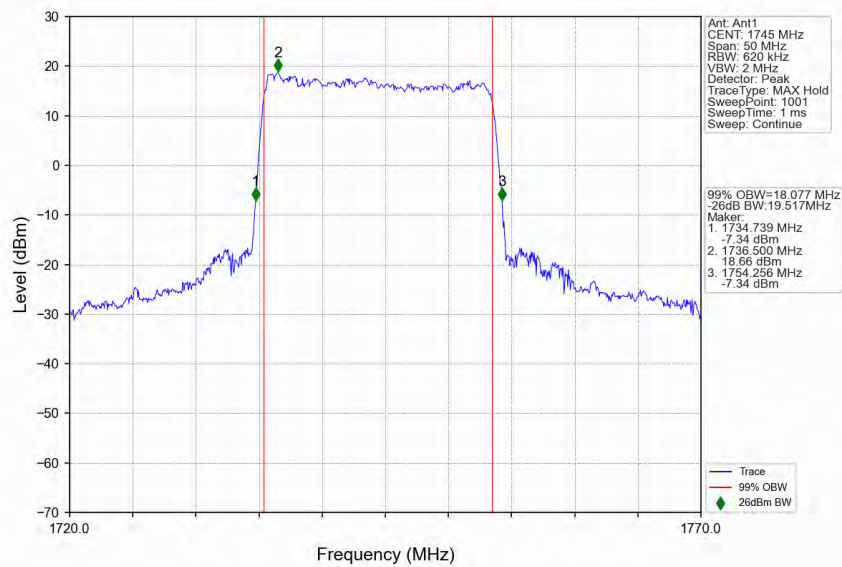


3.2.4 15k_SISO_20MHz_NTNV

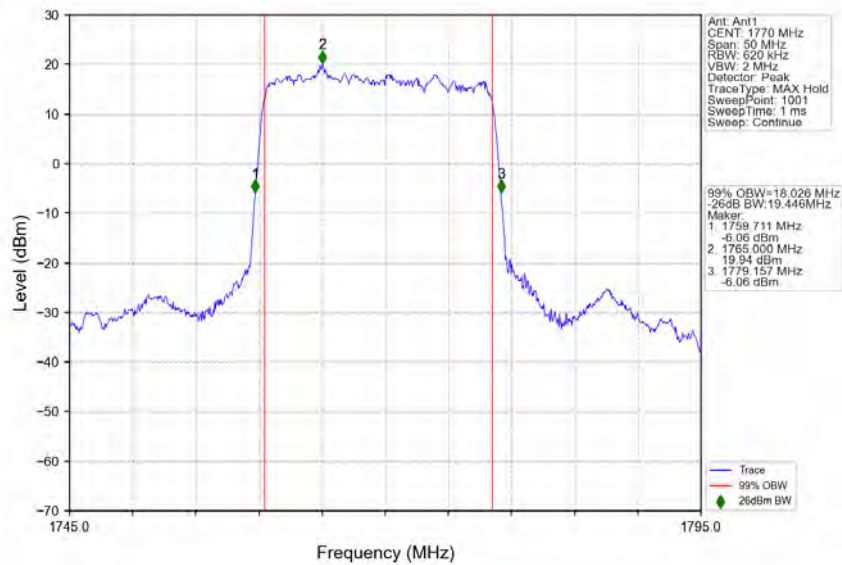
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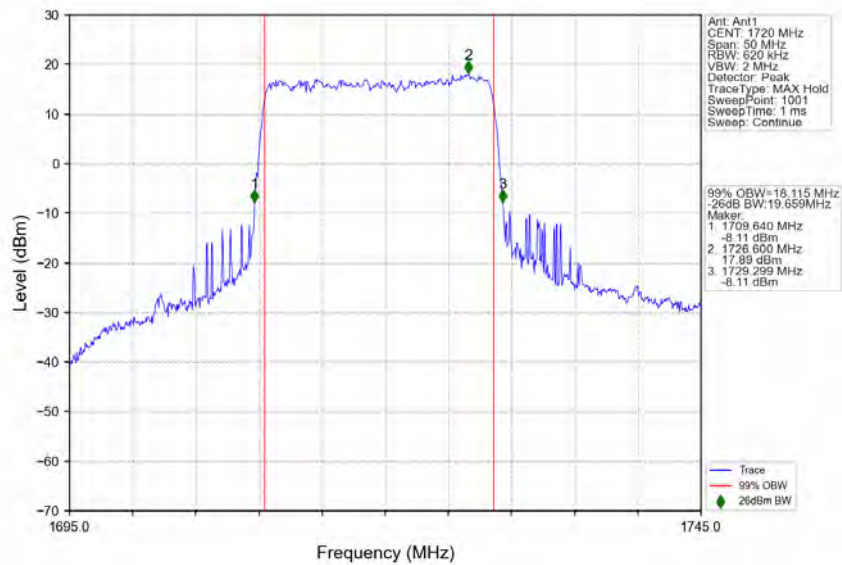
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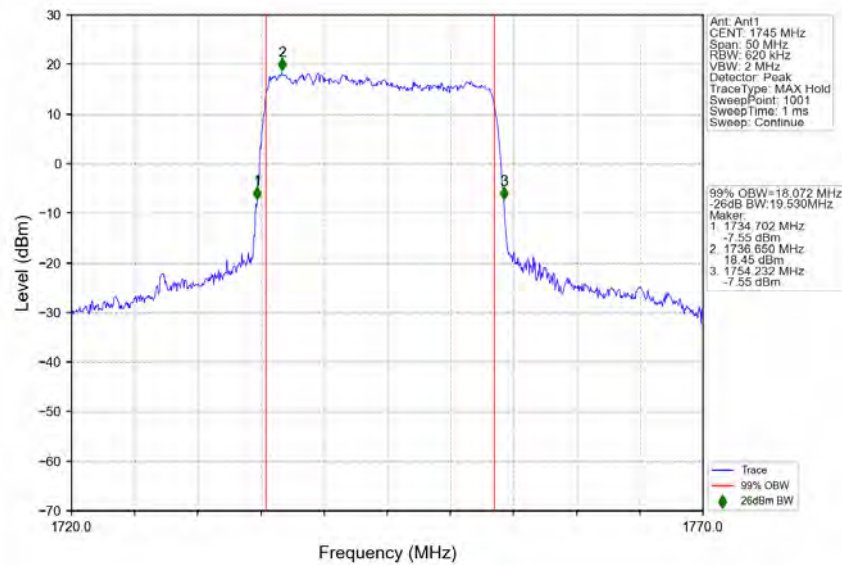
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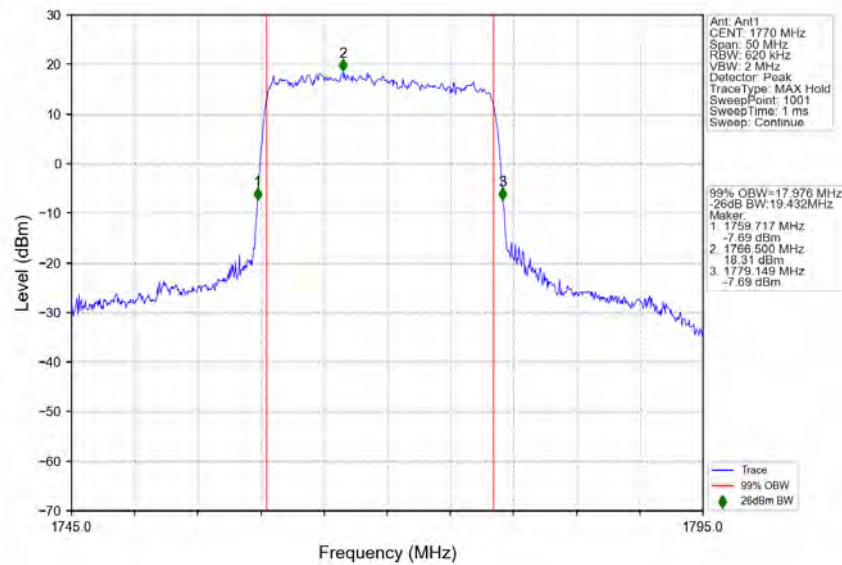
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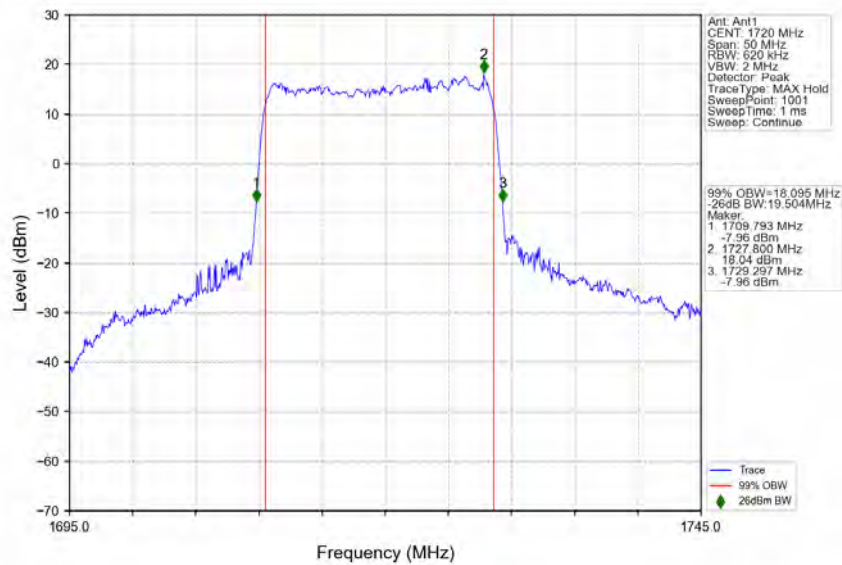
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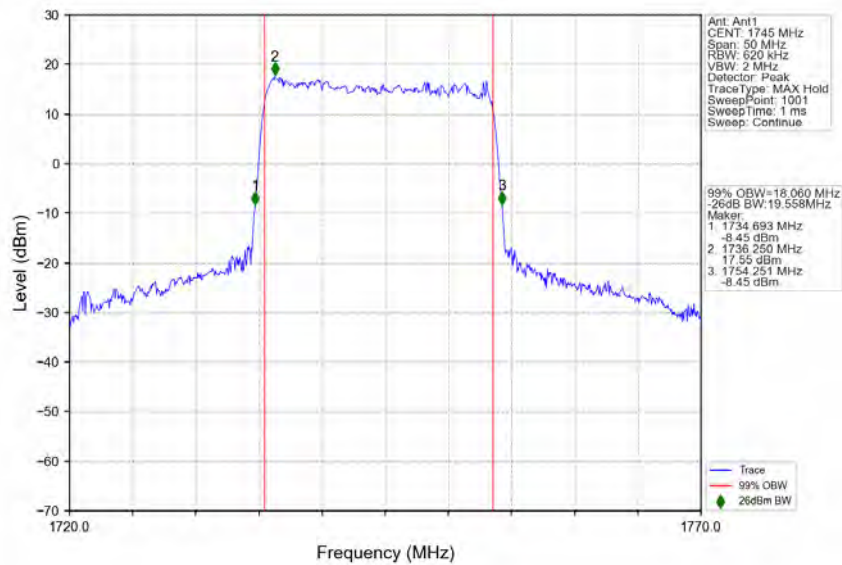
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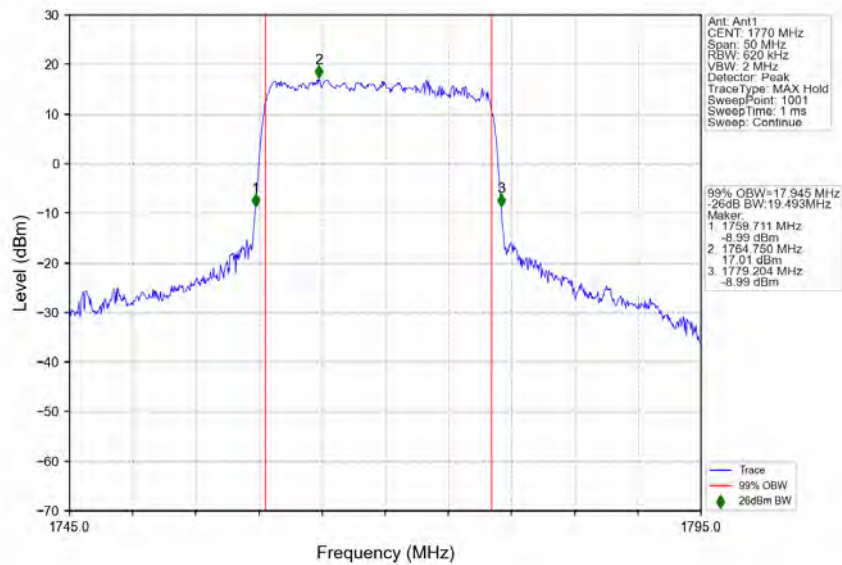
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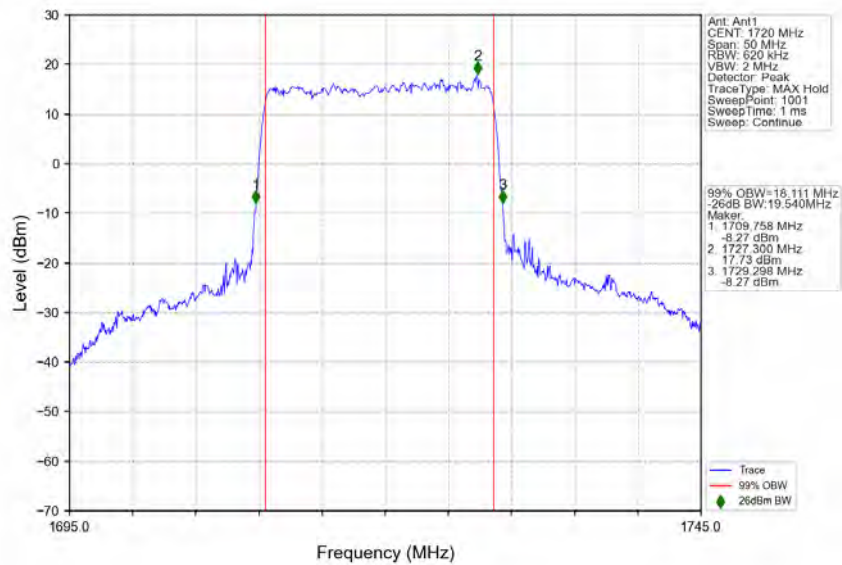
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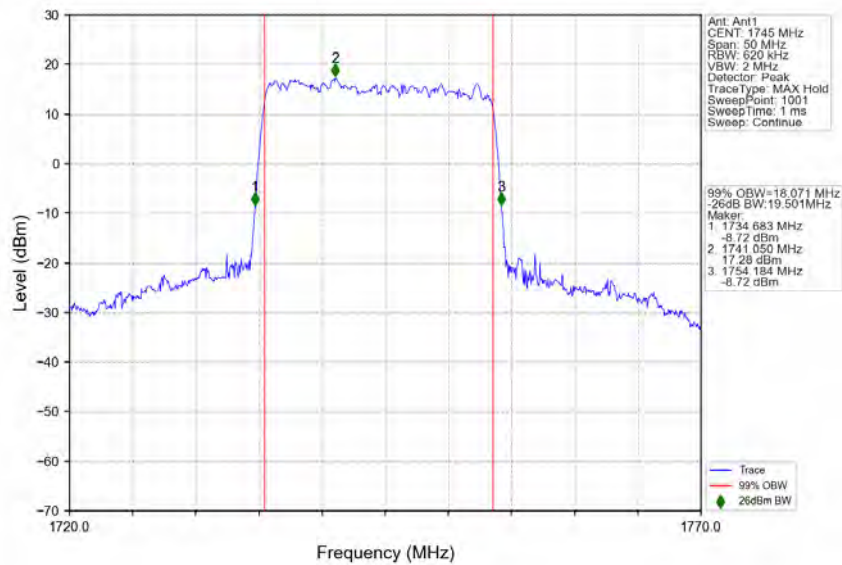
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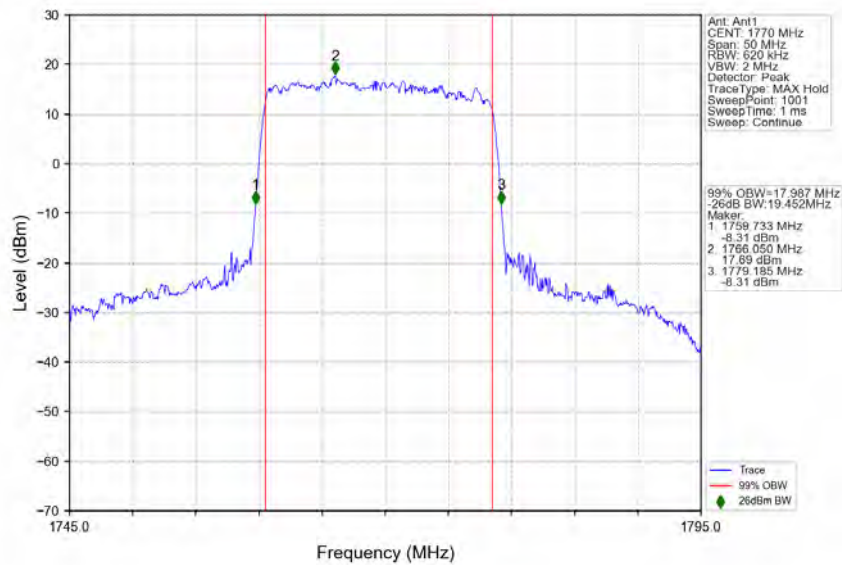
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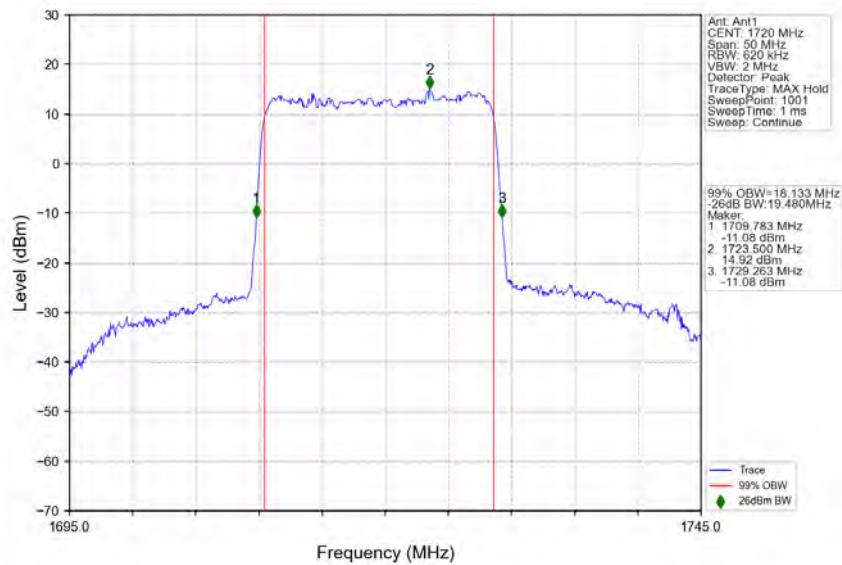
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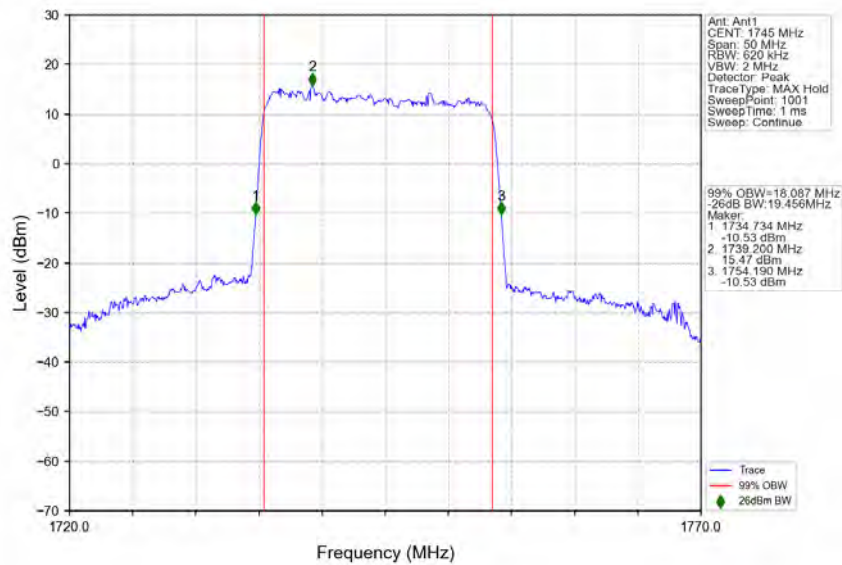
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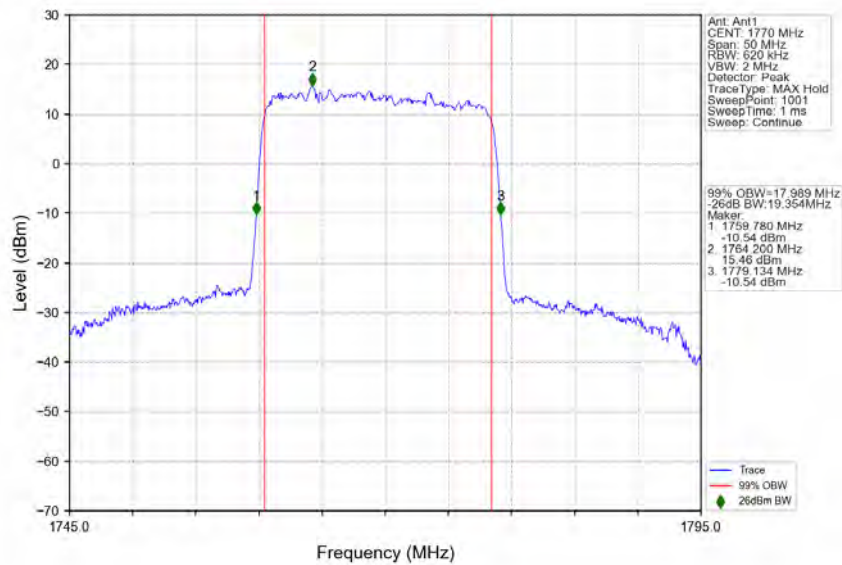
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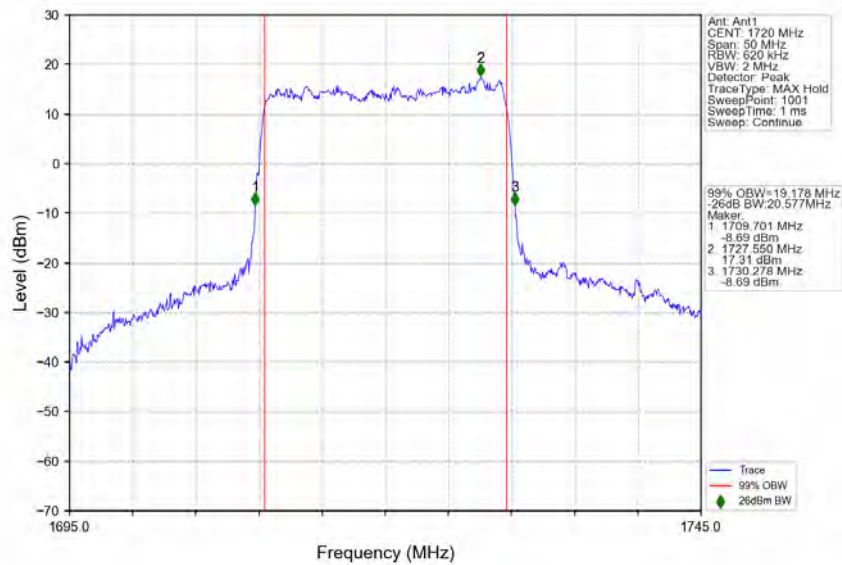
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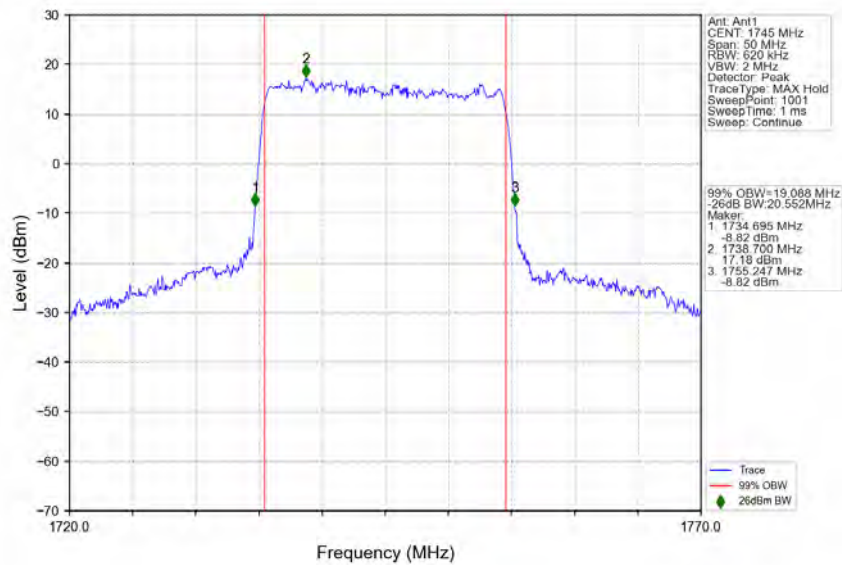
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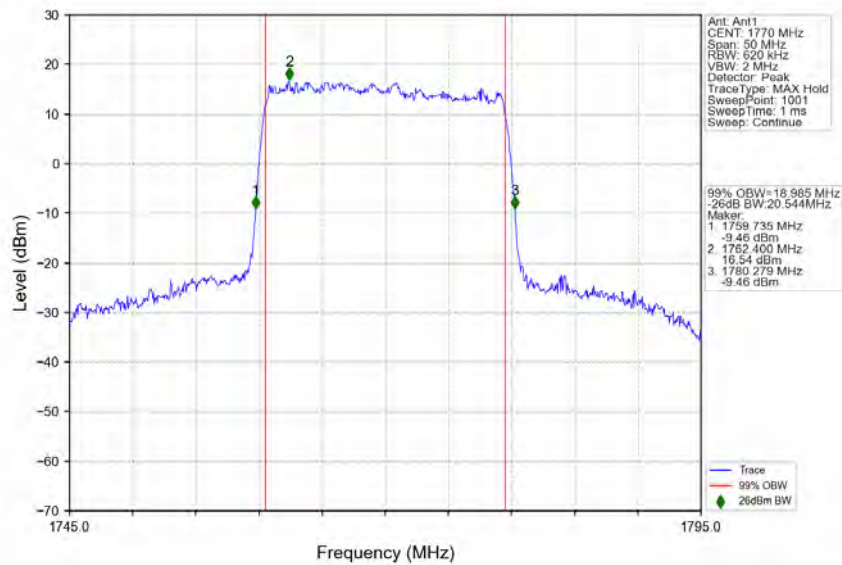
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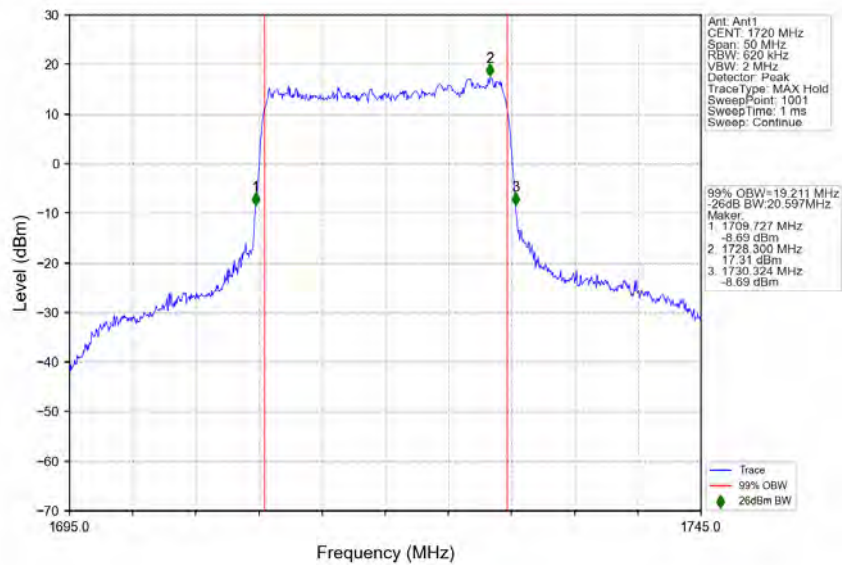
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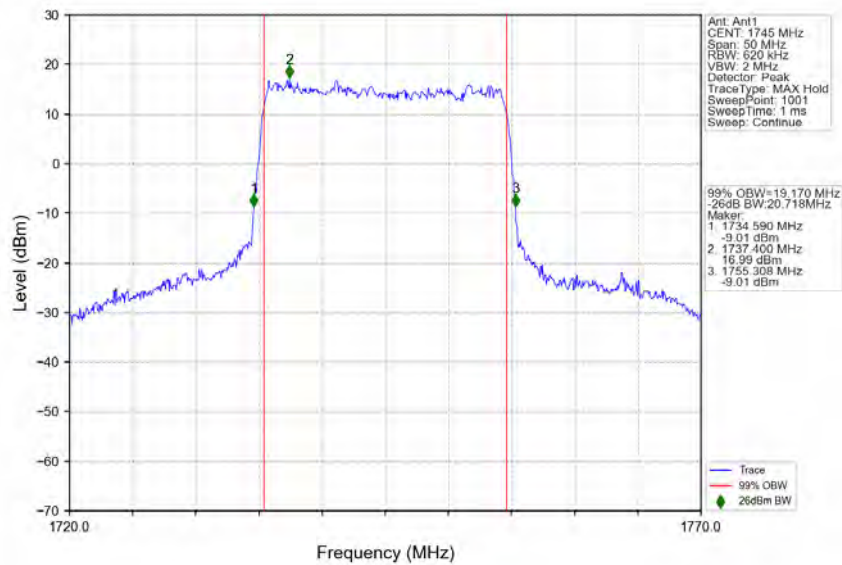
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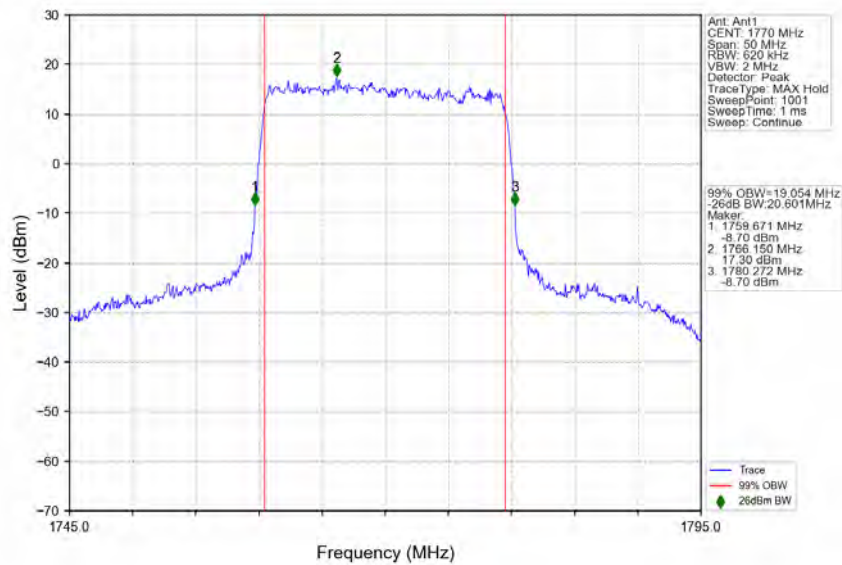
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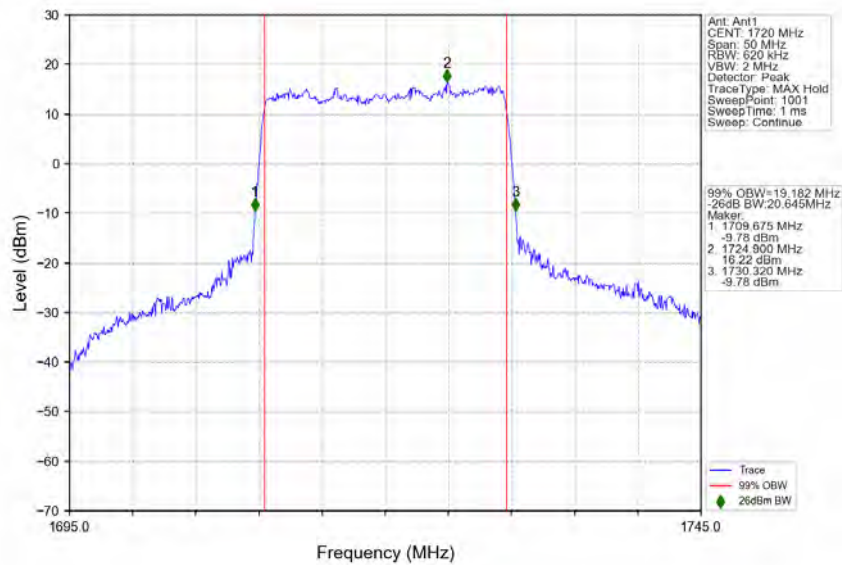
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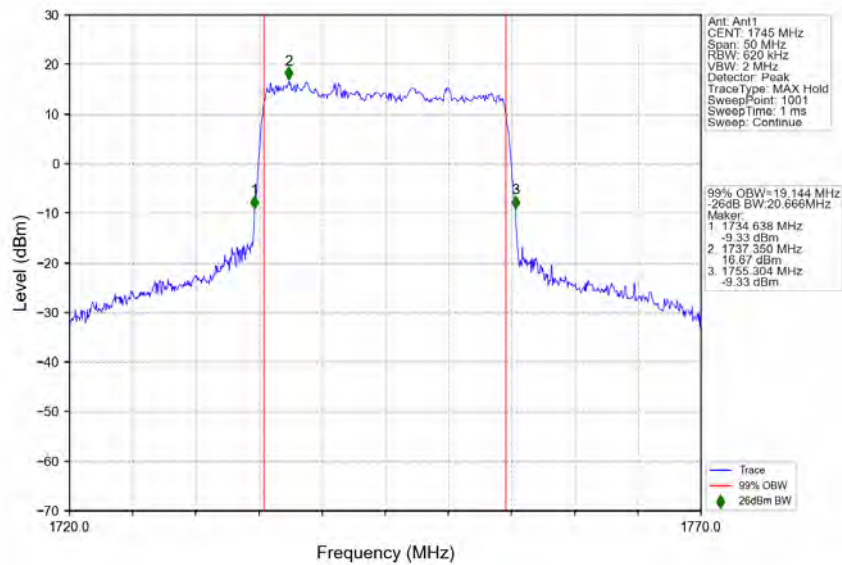
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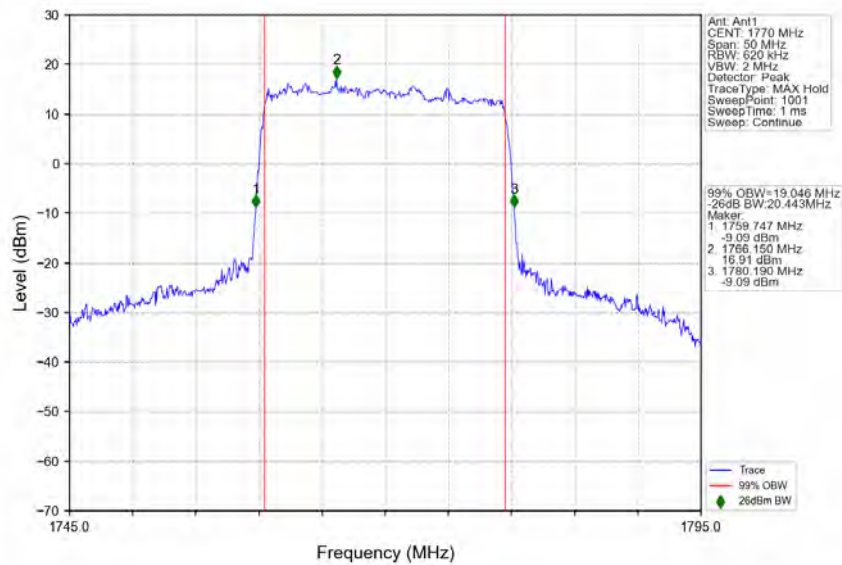
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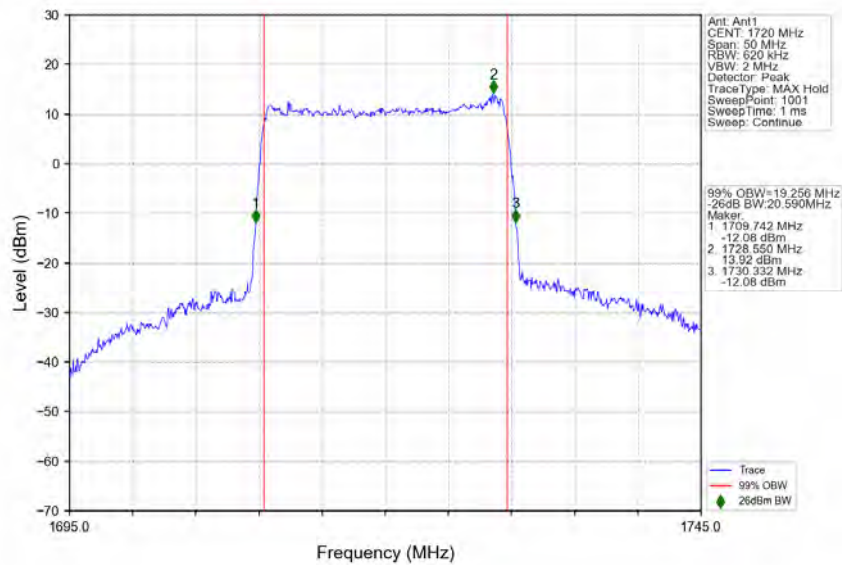
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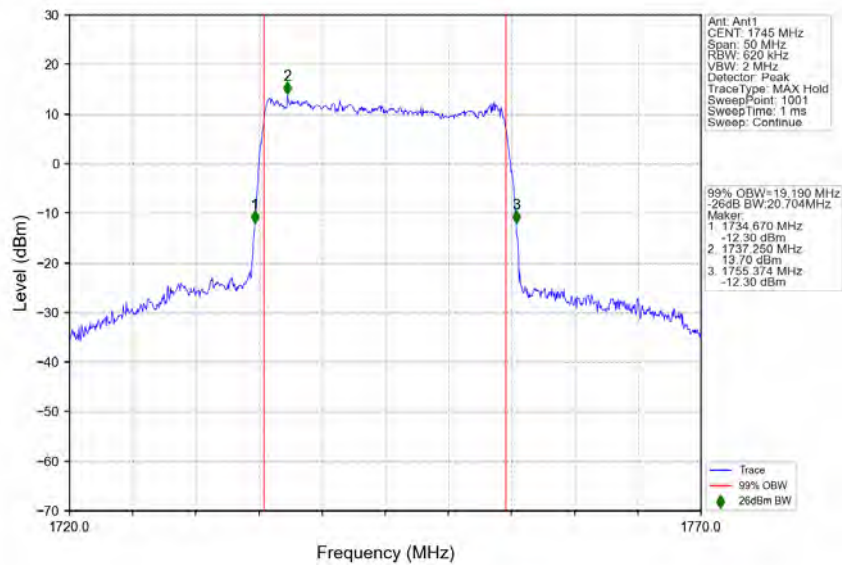
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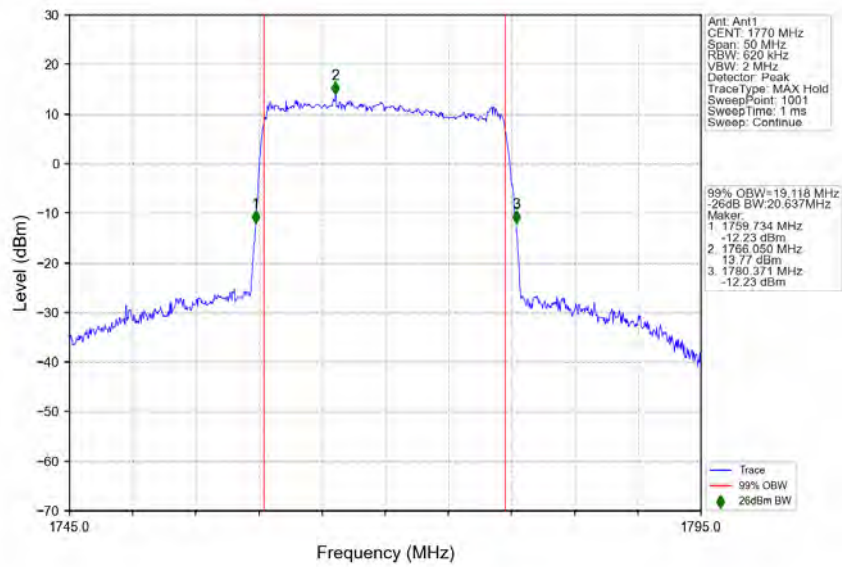
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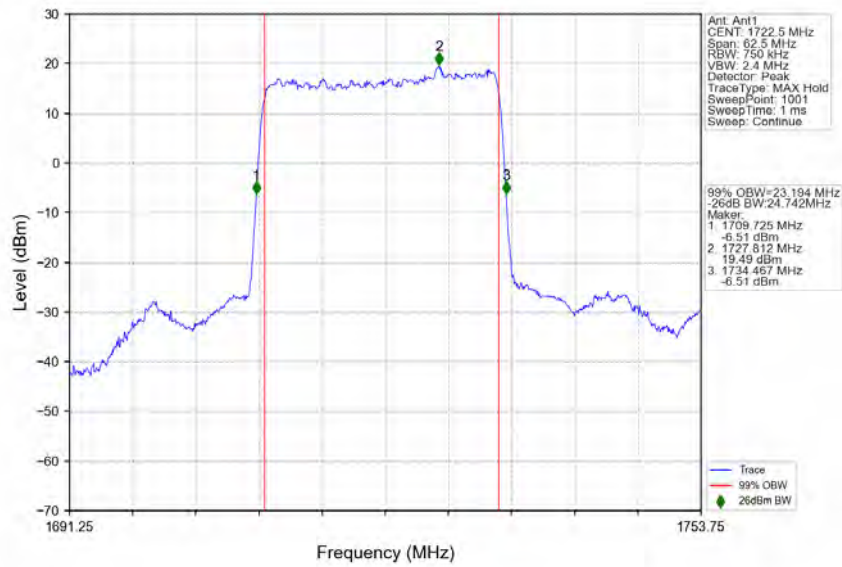


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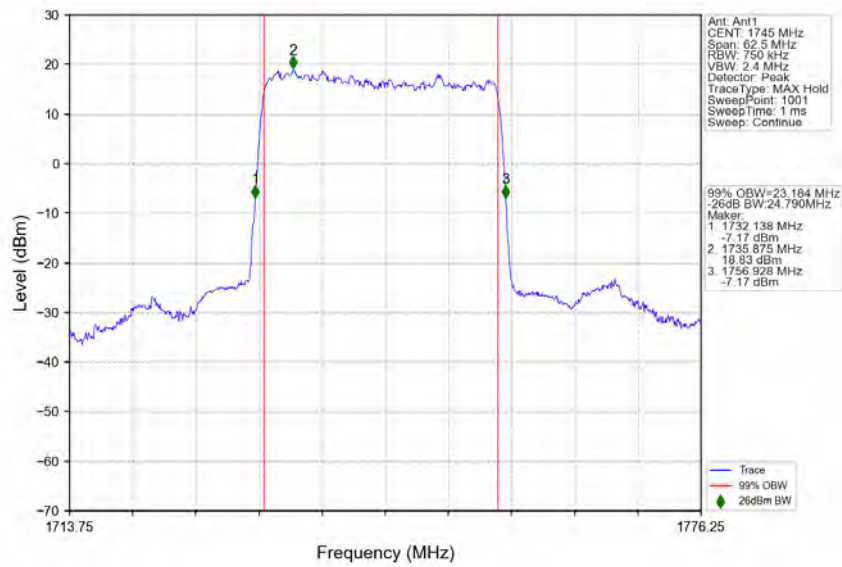


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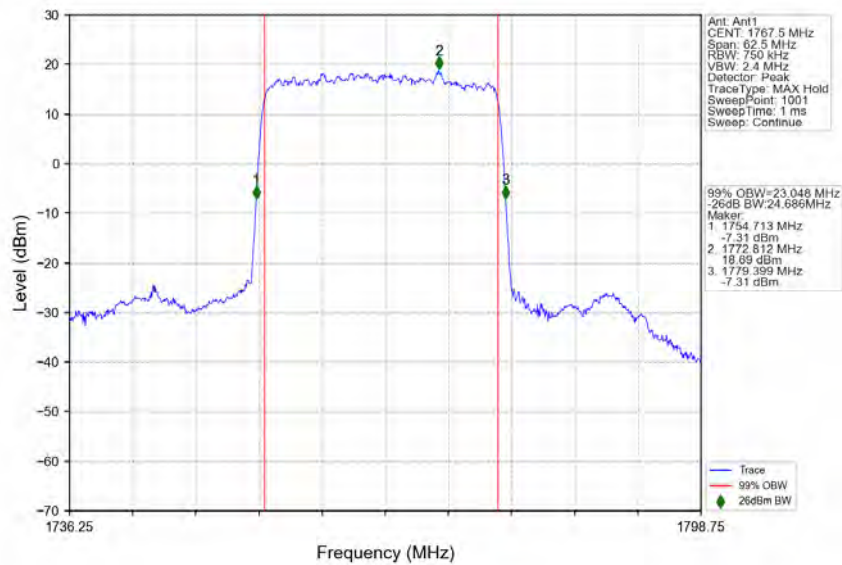
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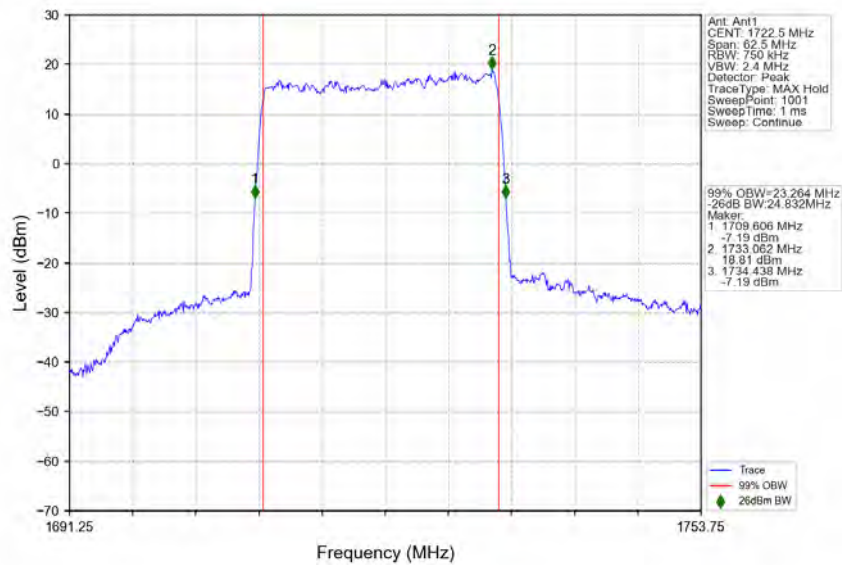
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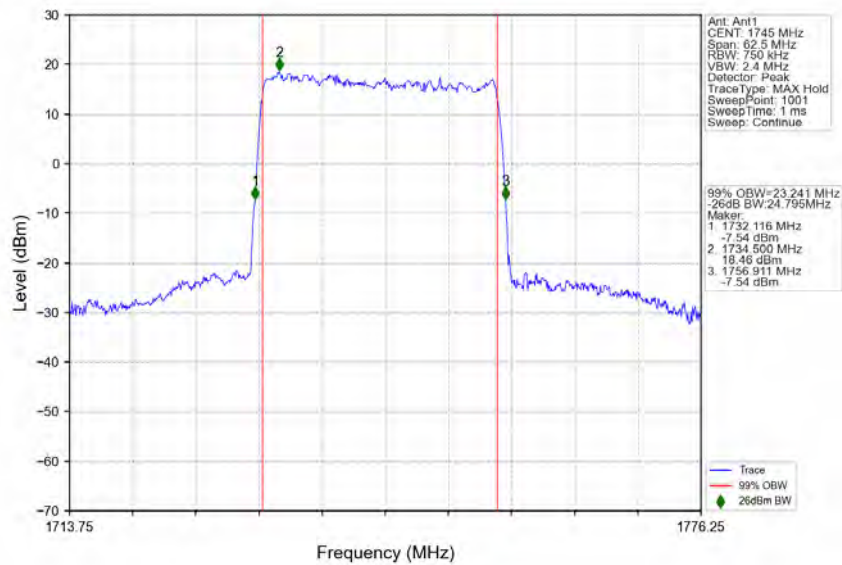
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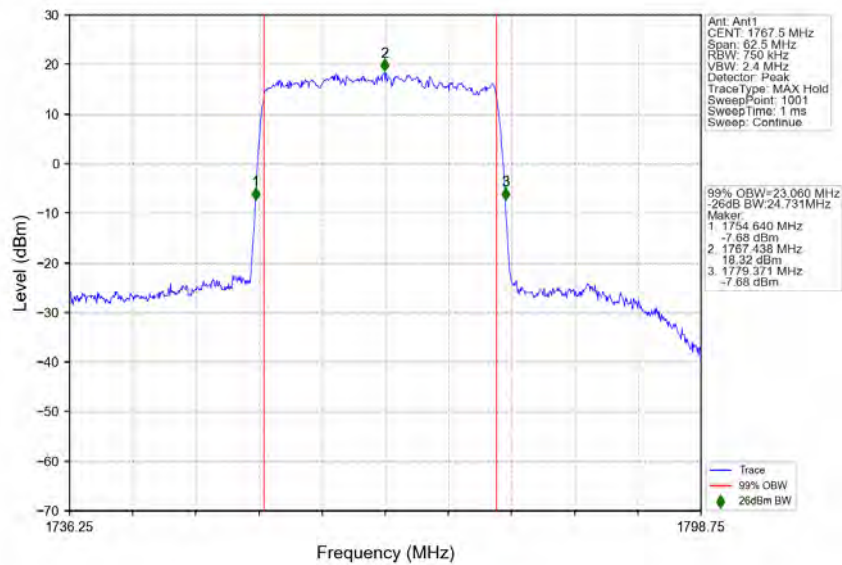
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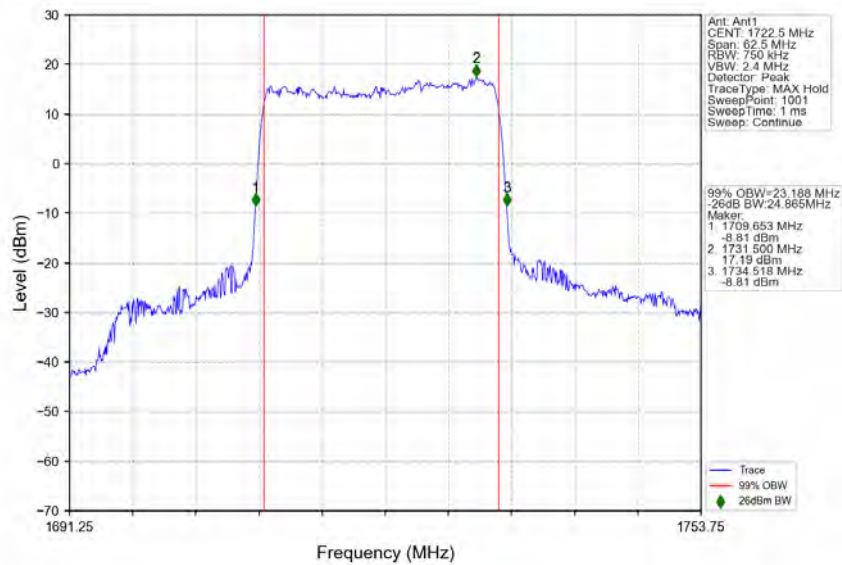
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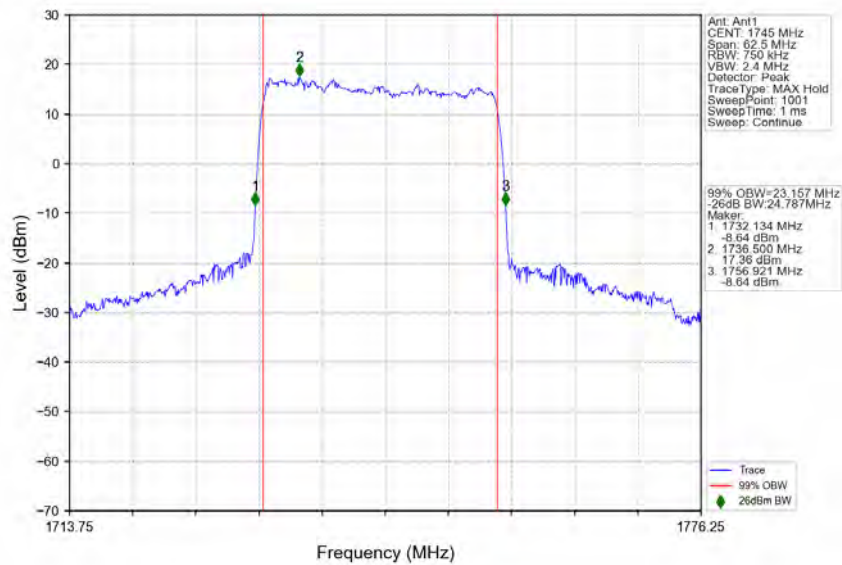
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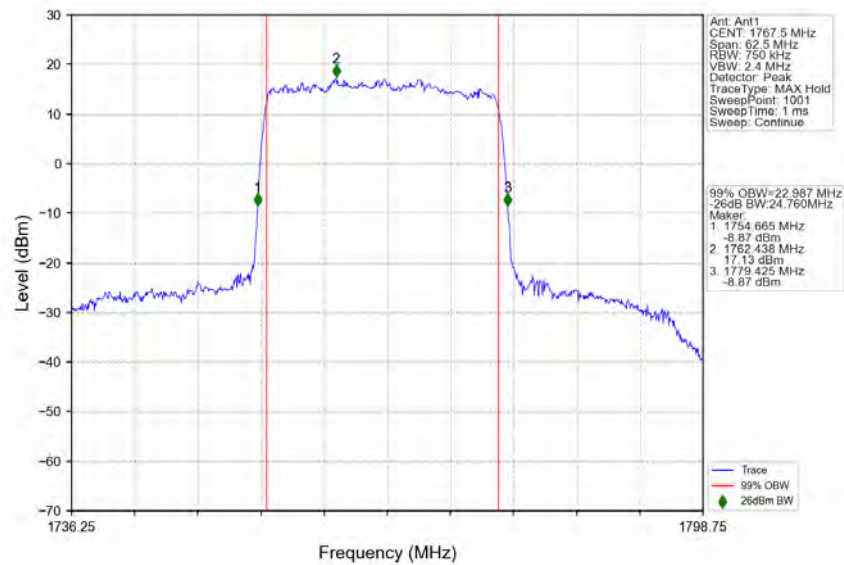
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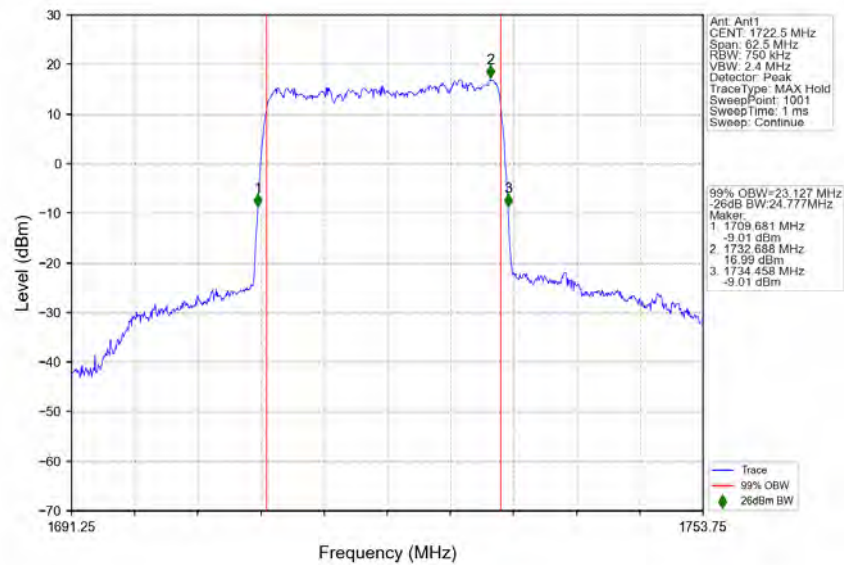
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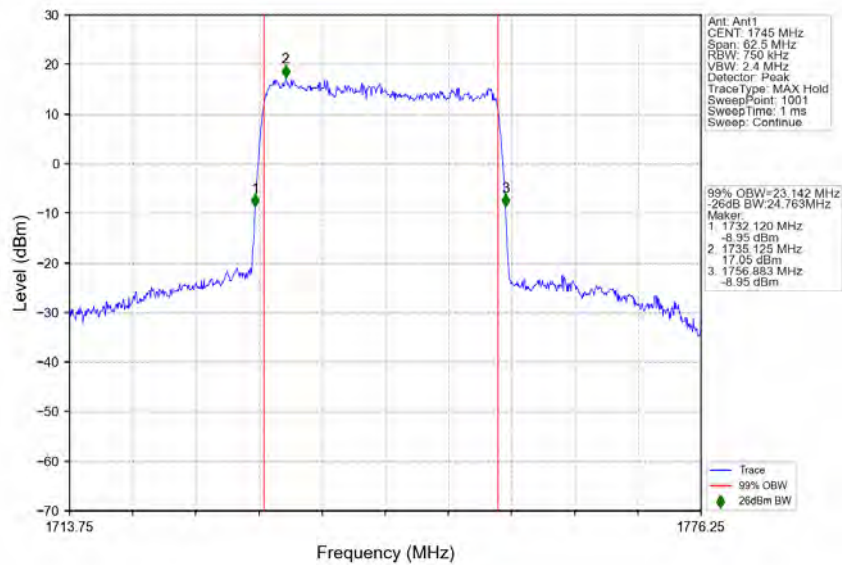
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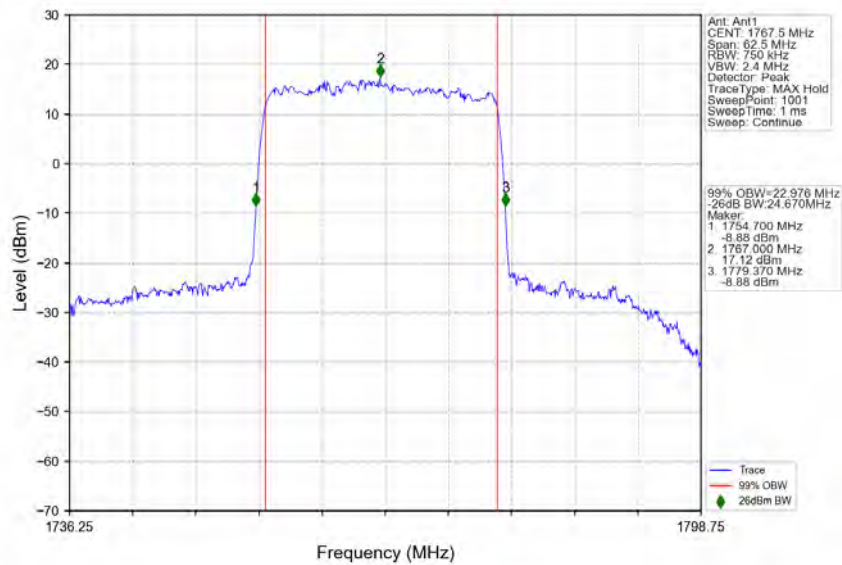
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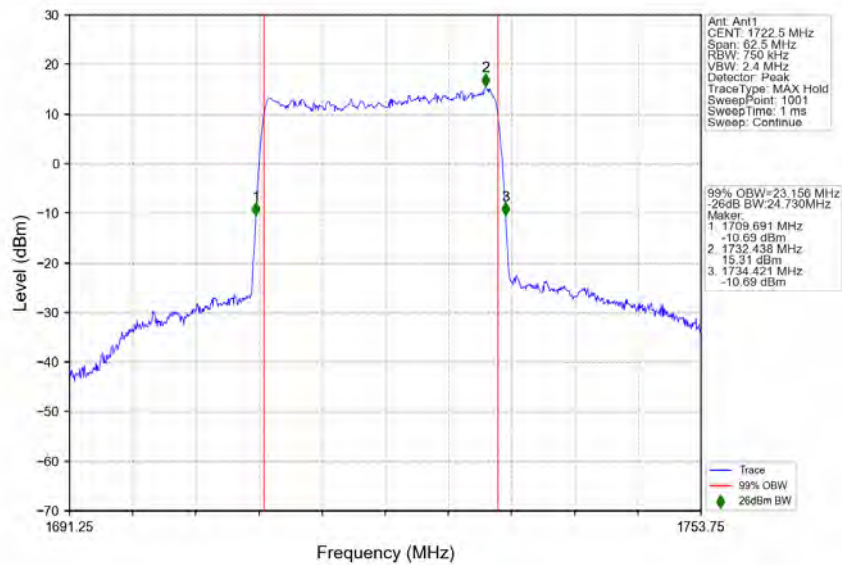
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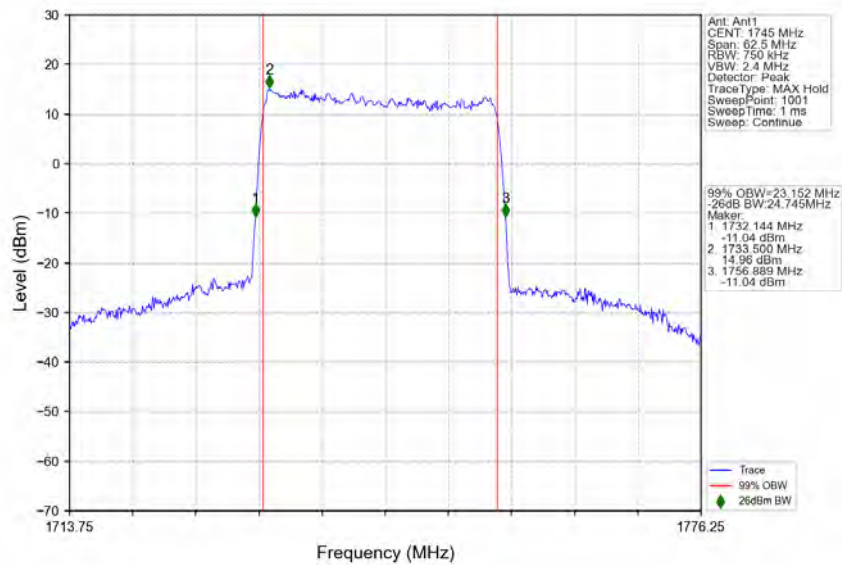
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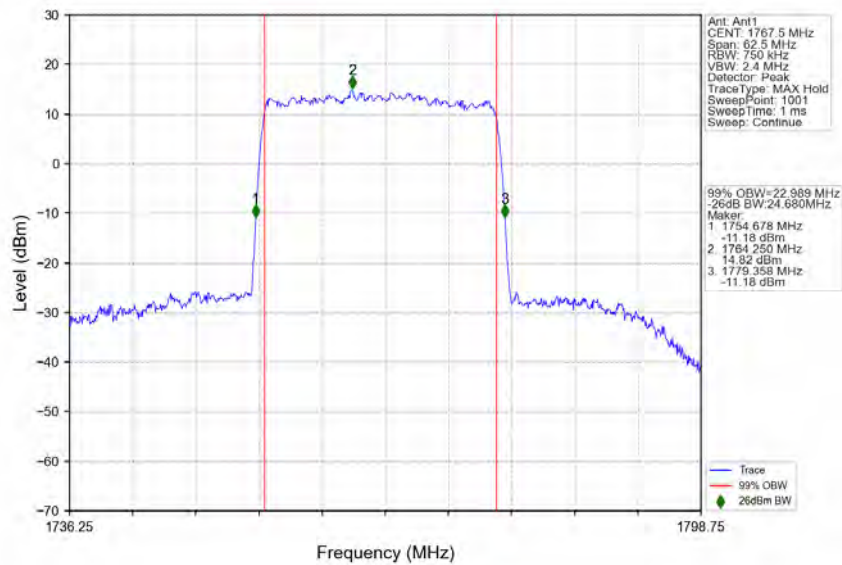
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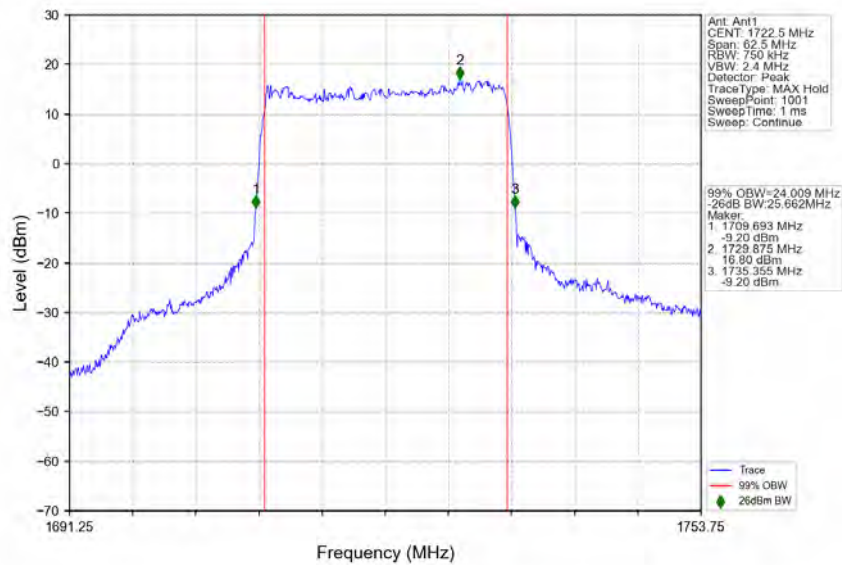
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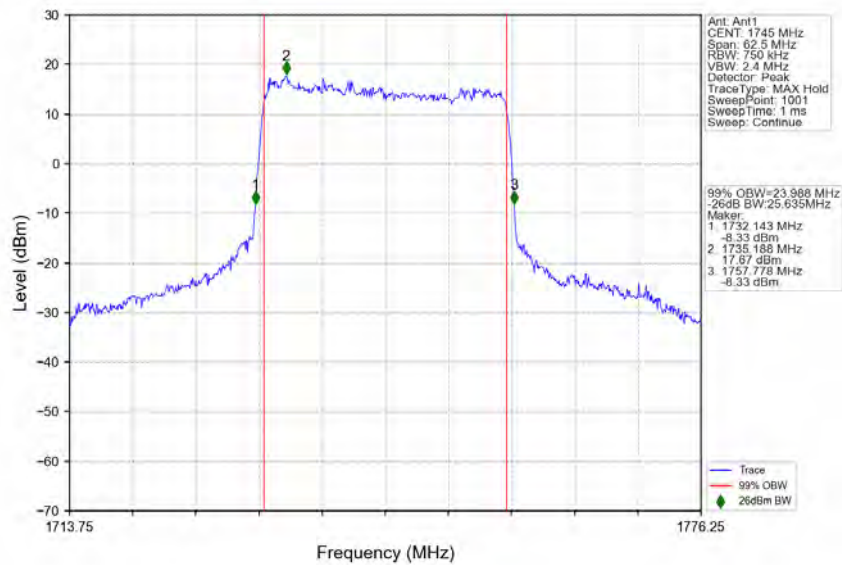
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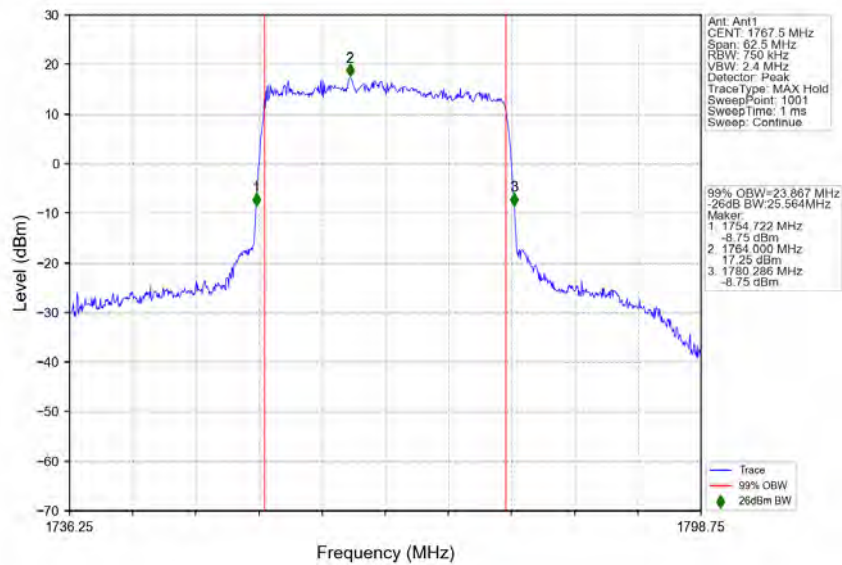
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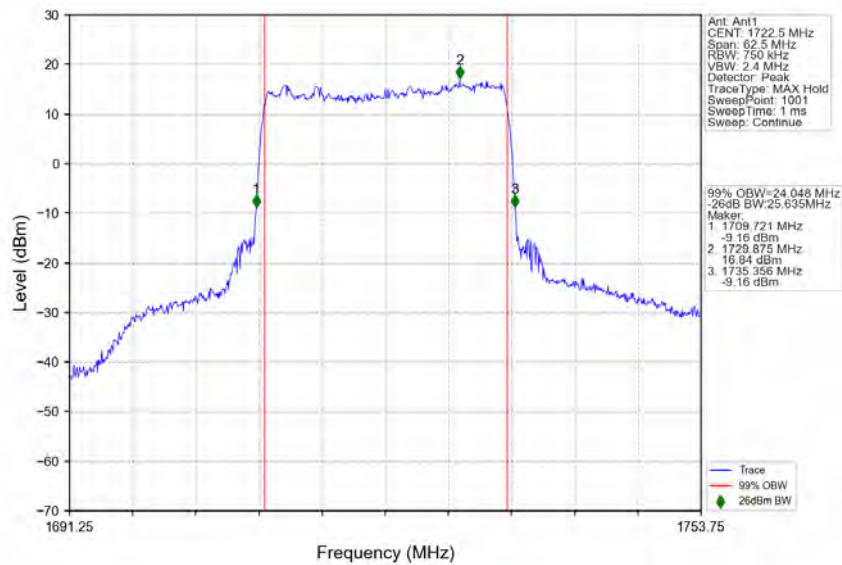
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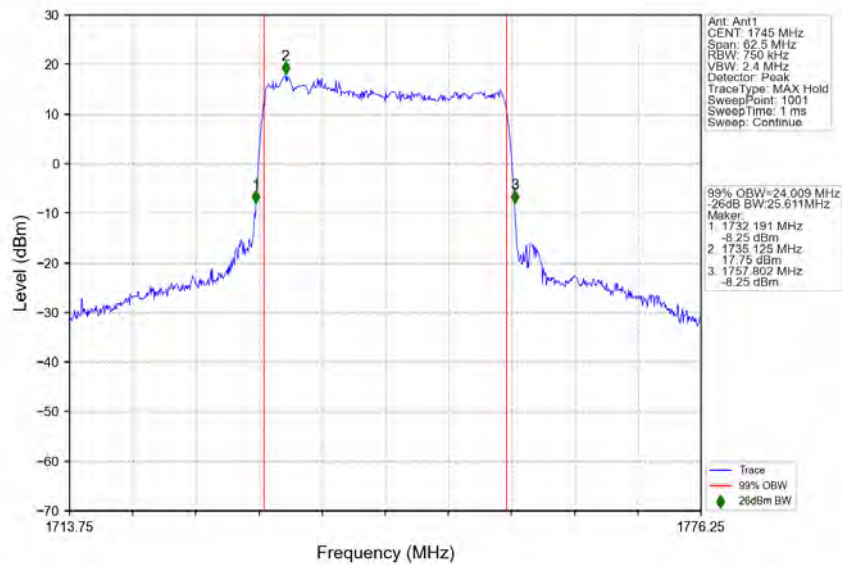
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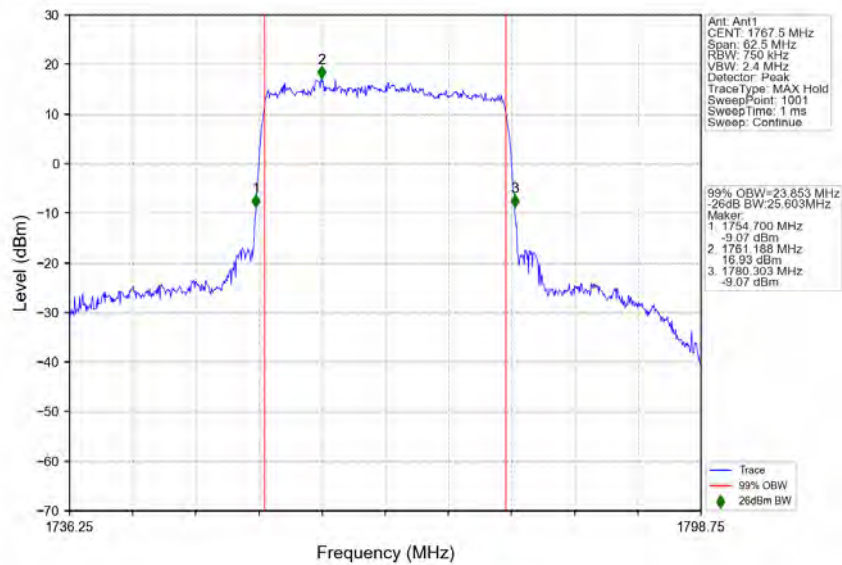
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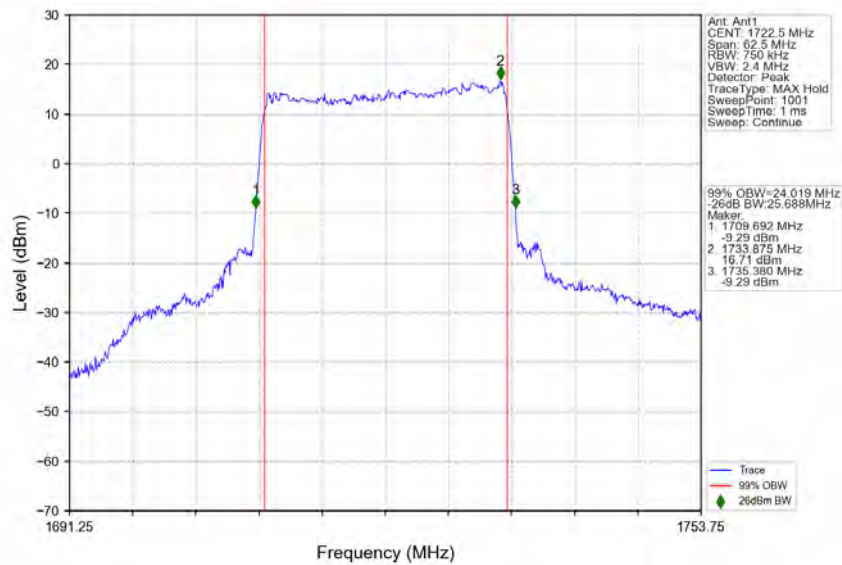
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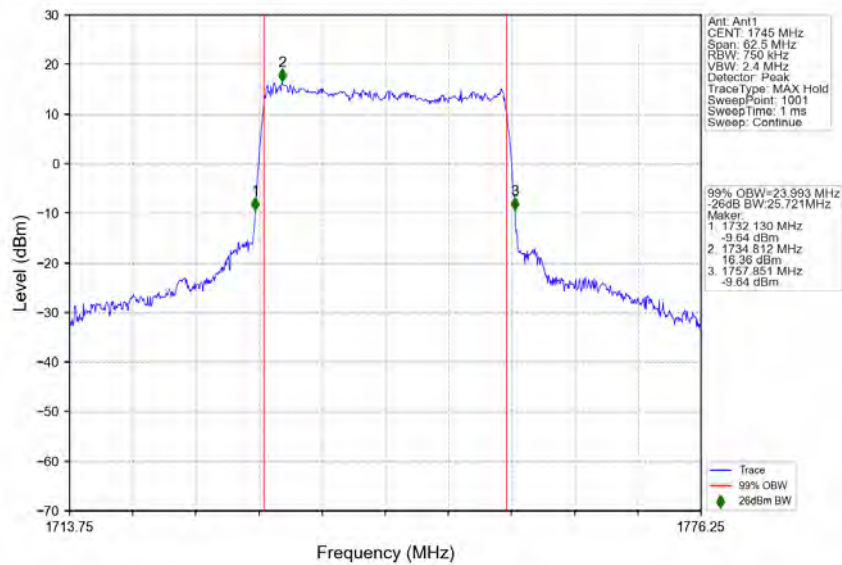
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n66_15kHz_SISO_NTNV_25MHz_CP-OFDM_64_QAM_1722.5MHz_Outer_Full



n66_15kHz_SISO_NTNV_25MHz_CP-OFDM_64_QAM_1745MHz_Outer_Full



n66_15kHz_SISO_NTNV_25MHz_CP-OFDM_64_QAM_1767.5MHz_Outer_Full

