

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 15k_SISO_5MHz_NTNV_EIRP

5G NR n7 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 QPSK	2502.5	Edge_1RB_Left	20.24	/	/	19.23	/	/	<=33	Pass
		Edge_1RB_Right	20.82	/	/	19.81	/	/	<=33	Pass
		Outer_Full	20.50	/	/	19.49	/	/	<=33	Pass
		Inner_Full	20.79	/	/	19.78	/	/	<=33	Pass
		Inner_1RB_Left	21.07	/	/	20.06	/	/	<=33	Pass
		Inner_1RB_Right	20.81	/	/	19.80	/	/	<=33	Pass
	2535	Edge_1RB_Left	19.64	/	/	18.63	/	/	<=33	Pass
		Edge_1RB_Right	19.97	/	/	18.96	/	/	<=33	Pass
		Outer_Full	19.78	/	/	18.77	/	/	<=33	Pass
		Inner_Full	20.31	/	/	19.30	/	/	<=33	Pass
		Inner_1RB_Left	20.26	/	/	19.25	/	/	<=33	Pass
		Inner_1RB_Right	20.35	/	/	19.34	/	/	<=33	Pass
	2567.5	Edge_1RB_Left	19.11	/	/	18.10	/	/	<=33	Pass
		Edge_1RB_Right	17.60	/	/	16.59	/	/	<=33	Pass
		Outer_Full	19.31	/	/	18.30	/	/	<=33	Pass
		Inner_Full	19.53	/	/	18.52	/	/	<=33	Pass
		Inner_1RB_Left	20.07	/	/	19.06	/	/	<=33	Pass
		Inner_1RB_Right	18.37	/	/	17.36	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	2502.5	Edge_1RB_Left	19.04	/	/	18.03	/	/	<=33	Pass
		Edge_1RB_Right	19.21	/	/	18.20	/	/	<=33	Pass
		Outer_Full	19.10	/	/	18.09	/	/	<=33	Pass
		Inner_Full	19.46	/	/	18.45	/	/	<=33	Pass
		Inner_1RB_Left	19.51	/	/	18.50	/	/	<=33	Pass
		Inner_1RB_Right	19.61	/	/	18.60	/	/	<=33	Pass
	2535	Edge_1RB_Left	18.88	/	/	17.87	/	/	<=33	Pass
		Edge_1RB_Right	19.06	/	/	18.05	/	/	<=33	Pass
		Outer_Full	18.78	/	/	17.77	/	/	<=33	Pass
		Inner_Full	19.26	/	/	18.25	/	/	<=33	Pass
		Inner_1RB_Left	19.28	/	/	18.27	/	/	<=33	Pass
		Inner_1RB_Right	19.39	/	/	18.38	/	/	<=33	Pass
	2567.5	Edge_1RB_Left	18.27	/	/	17.26	/	/	<=33	Pass
		Edge_1RB_Right	16.65	/	/	15.64	/	/	<=33	Pass
		Outer_Full	17.85	/	/	16.84	/	/	<=33	Pass
		Inner_Full	19.25	/	/	18.24	/	/	<=33	Pass
		Inner_1RB_Left	18.71	/	/	17.70	/	/	<=33	Pass
		Inner_1RB_Right	17.14	/	/	16.13	/	/	<=33	Pass
DFT-s-OFDM 64 QAM	2502.5	Edge_1RB_Left	18.65	/	/	17.64	/	/	<=33	Pass
		Edge_1RB_Right	18.94	/	/	17.93	/	/	<=33	Pass
		Outer_Full	18.42	/	/	17.41	/	/	<=33	Pass
		Inner_Full	18.50	/	/	17.49	/	/	<=33	Pass
		Inner_1RB_Left	18.74	/	/	17.73	/	/	<=33	Pass
		Inner_1RB_Right	18.88	/	/	17.87	/	/	<=33	Pass
	2535	Edge_1RB_Left	18.28	/	/	17.27	/	/	<=33	Pass
		Edge_1RB_Right	18.39	/	/	17.38	/	/	<=33	Pass
		Outer_Full	18.11	/	/	17.10	/	/	<=33	Pass
		Inner_Full	18.12	/	/	17.11	/	/	<=33	Pass
		Inner_1RB_Left	18.19	/	/	17.18	/	/	<=33	Pass
		Inner_1RB_Right	18.33	/	/	17.32	/	/	<=33	Pass
	2567.5	Edge_1RB_Left	17.82	/	/	16.81	/	/	<=33	Pass

		Edge 1RB Right	16.08	/	/	15.07	/	/	<=33	Pass
		Outer Full	17.59	/	/	16.58	/	/	<=33	Pass
		Inner Full	17.49	/	/	16.48	/	/	<=33	Pass
		Inner 1RB Left	17.74	/	/	16.73	/	/	<=33	Pass
		Inner 1RB Right	16.19	/	/	15.18	/	/	<=33	Pass
DFT-s-OFDM 256 QAM	2502.5	Edge 1RB Left	16.85	/	/	15.84	/	/	<=33	Pass
		Edge 1RB Right	17.11	/	/	16.10	/	/	<=33	Pass
		Outer Full	17.02	/	/	16.01	/	/	<=33	Pass
		Inner Full	17.24	/	/	16.23	/	/	<=33	Pass
		Inner 1RB Left	17.16	/	/	16.15	/	/	<=33	Pass
	2535	Inner 1RB Right	17.37	/	/	16.36	/	/	<=33	Pass
		Edge 1RB Left	16.62	/	/	15.61	/	/	<=33	Pass
		Edge 1RB Right	16.78	/	/	15.77	/	/	<=33	Pass
		Outer Full	16.64	/	/	15.63	/	/	<=33	Pass
		Inner Full	16.70	/	/	15.69	/	/	<=33	Pass
	2567.5	Inner 1RB Left	16.60	/	/	15.59	/	/	<=33	Pass
		Inner 1RB Right	16.73	/	/	15.72	/	/	<=33	Pass
		Edge 1RB Left	16.37	/	/	15.36	/	/	<=33	Pass
		Edge 1RB Right	14.65	/	/	13.64	/	/	<=33	Pass
		Outer Full	16.12	/	/	15.11	/	/	<=33	Pass
CP-OFDM QPSK	2502.5	Inner Full	16.33	/	/	15.32	/	/	<=33	Pass
		Inner 1RB Left	16.37	/	/	15.36	/	/	<=33	Pass
		Inner 1RB Right	14.71	/	/	13.70	/	/	<=33	Pass
	2535	Edge 1RB Left	18.38	/	/	17.37	/	/	<=33	Pass
		Edge 1RB Right	18.47	/	/	17.46	/	/	<=33	Pass
		Outer Full	18.64	/	/	17.63	/	/	<=33	Pass
		Inner Full	19.07	/	/	18.06	/	/	<=33	Pass
	2567.5	Inner 1RB Left	18.86	/	/	17.85	/	/	<=33	Pass
		Inner 1RB Right	19.19	/	/	18.18	/	/	<=33	Pass
		Edge 1RB Left	17.95	/	/	16.94	/	/	<=33	Pass
		Edge 1RB Right	18.02	/	/	17.01	/	/	<=33	Pass
		Outer Full	18.13	/	/	17.12	/	/	<=33	Pass
CP-OFDM 16 QAM	2502.5	Inner Full	18.63	/	/	17.62	/	/	<=33	Pass
		Inner 1RB Left	18.51	/	/	17.50	/	/	<=33	Pass
		Inner 1RB Right	18.64	/	/	17.63	/	/	<=33	Pass
	2535	Edge 1RB Left	17.67	/	/	16.66	/	/	<=33	Pass
		Edge 1RB Right	16.02	/	/	15.01	/	/	<=33	Pass
		Outer Full	17.63	/	/	16.62	/	/	<=33	Pass
		Inner Full	18.13	/	/	17.12	/	/	<=33	Pass
	2567.5	Inner 1RB Left	18.77	/	/	17.76	/	/	<=33	Pass
		Inner 1RB Right	17.02	/	/	16.01	/	/	<=33	Pass
		Edge 1RB Left	18.08	/	/	17.07	/	/	<=33	Pass
		Edge 1RB Right	18.26	/	/	17.25	/	/	<=33	Pass
		Outer Full	18.03	/	/	17.02	/	/	<=33	Pass
	2502.5	Inner Full	18.37	/	/	17.36	/	/	<=33	Pass
		Inner 1RB Left	18.52	/	/	17.51	/	/	<=33	Pass
		Inner 1RB Right	18.67	/	/	17.66	/	/	<=33	Pass
	2535	Edge 1RB Left	17.65	/	/	16.64	/	/	<=33	Pass
		Edge 1RB Right	17.82	/	/	16.81	/	/	<=33	Pass
		Outer Full	17.96	/	/	16.95	/	/	<=33	Pass
		Inner Full	18.38	/	/	17.37	/	/	<=33	Pass
	2567.5	Inner 1RB Left	18.09	/	/	17.08	/	/	<=33	Pass
		Inner 1RB Right	18.24	/	/	17.23	/	/	<=33	Pass
		Edge 1RB Left	17.39	/	/	16.38	/	/	<=33	Pass
		Edge 1RB Right	15.76	/	/	14.75	/	/	<=33	Pass
		Outer Full	16.90	/	/	15.89	/	/	<=33	Pass
	2502.5	Inner Full	17.56	/	/	16.55	/	/	<=33	Pass
		Inner 1RB Left	17.83	/	/	16.82	/	/	<=33	Pass
		Inner 1RB Right	16.24	/	/	15.23	/	/	<=33	Pass

CP-OFDM 64 QAM	2502.5	Edge 1RB Left	17.76	/	/	16.75	/	/	<=33	Pass
		Edge 1RB Right	17.98	/	/	16.97	/	/	<=33	Pass
		Outer Full	17.41	/	/	16.40	/	/	<=33	Pass
		Inner Full	18.52	/	/	17.51	/	/	<=33	Pass
		Inner 1RB Left	18.65	/	/	17.64	/	/	<=33	Pass
		Inner 1RB Right	18.80	/	/	17.79	/	/	<=33	Pass
	2535	Edge 1RB Left	17.19	/	/	16.18	/	/	<=33	Pass
		Edge 1RB Right	17.35	/	/	16.34	/	/	<=33	Pass
		Outer Full	17.39	/	/	16.38	/	/	<=33	Pass
		Inner Full	18.24	/	/	17.23	/	/	<=33	Pass
		Inner 1RB Left	18.46	/	/	17.45	/	/	<=33	Pass
		Inner 1RB Right	18.49	/	/	17.48	/	/	<=33	Pass
	2567.5	Edge 1RB Left	17.40	/	/	16.39	/	/	<=33	Pass
		Edge 1RB Right	15.49	/	/	14.48	/	/	<=33	Pass
		Outer Full	17.19	/	/	16.18	/	/	<=33	Pass
		Inner Full	17.62	/	/	16.61	/	/	<=33	Pass
		Inner 1RB Left	17.96	/	/	16.95	/	/	<=33	Pass
		Inner 1RB Right	16.28	/	/	15.27	/	/	<=33	Pass
CP-OFDM 256 QAM	2502.5	Edge 1RB Left	14.91	/	/	13.90	/	/	<=33	Pass
		Edge 1RB Right	15.27	/	/	14.26	/	/	<=33	Pass
		Outer Full	14.96	/	/	13.95	/	/	<=33	Pass
		Inner Full	14.92	/	/	13.91	/	/	<=33	Pass
		Inner 1RB Left	14.88	/	/	13.87	/	/	<=33	Pass
		Inner 1RB Right	15.18	/	/	14.17	/	/	<=33	Pass
	2535	Edge 1RB Left	14.80	/	/	13.79	/	/	<=33	Pass
		Edge 1RB Right	14.95	/	/	13.94	/	/	<=33	Pass
		Outer Full	14.85	/	/	13.84	/	/	<=33	Pass
		Inner Full	14.89	/	/	13.88	/	/	<=33	Pass
		Inner 1RB Left	14.75	/	/	13.74	/	/	<=33	Pass
		Inner 1RB Right	15.14	/	/	14.13	/	/	<=33	Pass
	2567.5	Edge 1RB Left	14.67	/	/	13.66	/	/	<=33	Pass
		Edge 1RB Right	12.86	/	/	11.85	/	/	<=33	Pass
		Outer Full	14.18	/	/	13.17	/	/	<=33	Pass
		Inner Full	15.04	/	/	14.03	/	/	<=33	Pass
		Inner 1RB Left	14.65	/	/	13.64	/	/	<=33	Pass
		Inner 1RB Right	12.80	/	/	11.79	/	/	<=33	Pass
Note1: Antenna Gain: Ant1: -1.01dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.2 15k_SISO_10MHz_NTNV_EIRP

5G NR n7 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 QPSK	2505	Edge 1RB Left	20.47	/	/	19.46	/	/	<=33	Pass
		Edge 1RB Right	19.96	/	/	18.95	/	/	<=33	Pass
		Outer Full	20.26	/	/	19.25	/	/	<=33	Pass
		Inner Full	20.29	/	/	19.28	/	/	<=33	Pass
		Inner 1RB Left	20.48	/	/	19.47	/	/	<=33	Pass
		Inner 1RB Right	20.61	/	/	19.60	/	/	<=33	Pass
	2535	Edge 1RB Left	20.15	/	/	19.14	/	/	<=33	Pass
		Edge 1RB Right	20.42	/	/	19.41	/	/	<=33	Pass
		Outer Full	19.86	/	/	18.85	/	/	<=33	Pass
		Inner Full	20.22	/	/	19.21	/	/	<=33	Pass
		Inner 1RB Left	20.07	/	/	19.06	/	/	<=33	Pass
		Inner 1RB Right	20.79	/	/	19.78	/	/	<=33	Pass
	2565	Edge 1RB Left	20.42	/	/	19.41	/	/	<=33	Pass
		Edge 1RB Right	17.99	/	/	16.98	/	/	<=33	Pass

		Outer Full	19.03	/	/	18.02	/	/	<=33	Pass
		Inner Full	20.04	/	/	19.03	/	/	<=33	Pass
		Inner 1RB Left	19.36	/	/	18.35	/	/	<=33	Pass
		Inner 1RB Right	18.05	/	/	17.04	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	2505	Edge 1RB Left	19.40	/	/	18.39	/	/	<=33	Pass
		Edge 1RB Right	19.13	/	/	18.12	/	/	<=33	Pass
		Outer Full	18.87	/	/	17.86	/	/	<=33	Pass
		Inner Full	19.17	/	/	18.16	/	/	<=33	Pass
		Inner 1RB Left	19.18	/	/	18.17	/	/	<=33	Pass
		Inner 1RB Right	19.57	/	/	18.56	/	/	<=33	Pass
	2535	Edge 1RB Left	19.39	/	/	18.38	/	/	<=33	Pass
		Edge 1RB Right	19.44	/	/	18.43	/	/	<=33	Pass
		Outer Full	18.75	/	/	17.74	/	/	<=33	Pass
		Inner Full	19.22	/	/	18.21	/	/	<=33	Pass
		Inner 1RB Left	19.14	/	/	18.13	/	/	<=33	Pass
		Inner 1RB Right	19.83	/	/	18.82	/	/	<=33	Pass
	2565	Edge 1RB Left	19.19	/	/	18.18	/	/	<=33	Pass
		Edge 1RB Right	16.98	/	/	15.97	/	/	<=33	Pass
		Outer Full	18.56	/	/	17.55	/	/	<=33	Pass
		Inner Full	18.68	/	/	17.67	/	/	<=33	Pass
		Inner 1RB Left	18.94	/	/	17.93	/	/	<=33	Pass
		Inner 1RB Right	17.43	/	/	16.42	/	/	<=33	Pass
DFT-s-OFDM 64 QAM	2505	Edge 1RB Left	18.97	/	/	17.96	/	/	<=33	Pass
		Edge 1RB Right	18.83	/	/	17.82	/	/	<=33	Pass
		Outer Full	18.08	/	/	17.07	/	/	<=33	Pass
		Inner Full	18.19	/	/	17.18	/	/	<=33	Pass
		Inner 1RB Left	18.25	/	/	17.24	/	/	<=33	Pass
		Inner 1RB Right	18.70	/	/	17.69	/	/	<=33	Pass
	2535	Edge 1RB Left	18.96	/	/	17.95	/	/	<=33	Pass
		Edge 1RB Right	18.95	/	/	17.94	/	/	<=33	Pass
		Outer Full	18.09	/	/	17.08	/	/	<=33	Pass
		Inner Full	18.23	/	/	17.22	/	/	<=33	Pass
		Inner 1RB Left	18.24	/	/	17.23	/	/	<=33	Pass
		Inner 1RB Right	18.98	/	/	17.97	/	/	<=33	Pass
	2565	Edge 1RB Left	18.59	/	/	17.58	/	/	<=33	Pass
		Edge 1RB Right	16.39	/	/	15.38	/	/	<=33	Pass
		Outer Full	17.34	/	/	16.33	/	/	<=33	Pass
		Inner Full	17.59	/	/	16.58	/	/	<=33	Pass
		Inner 1RB Left	17.95	/	/	16.94	/	/	<=33	Pass
		Inner 1RB Right	16.41	/	/	15.40	/	/	<=33	Pass
DFT-s-OFDM 256 QAM	2505	Edge 1RB Left	17.10	/	/	16.09	/	/	<=33	Pass
		Edge 1RB Right	17.04	/	/	16.03	/	/	<=33	Pass
		Outer Full	16.87	/	/	15.86	/	/	<=33	Pass
		Inner Full	17.03	/	/	16.02	/	/	<=33	Pass
		Inner 1RB Left	16.38	/	/	15.37	/	/	<=33	Pass
		Inner 1RB Right	16.99	/	/	15.98	/	/	<=33	Pass
	2535	Edge 1RB Left	17.22	/	/	16.21	/	/	<=33	Pass
		Edge 1RB Right	17.57	/	/	16.56	/	/	<=33	Pass
		Outer Full	16.83	/	/	15.82	/	/	<=33	Pass
		Inner Full	16.93	/	/	15.92	/	/	<=33	Pass
		Inner 1RB Left	16.88	/	/	15.87	/	/	<=33	Pass
		Inner 1RB Right	17.42	/	/	16.41	/	/	<=33	Pass
	2565	Edge 1RB Left	17.06	/	/	16.05	/	/	<=33	Pass
		Edge 1RB Right	14.67	/	/	13.66	/	/	<=33	Pass
		Outer Full	16.59	/	/	15.58	/	/	<=33	Pass
		Inner Full	16.25	/	/	15.24	/	/	<=33	Pass
		Inner 1RB Left	16.38	/	/	15.37	/	/	<=33	Pass
		Inner 1RB Right	14.73	/	/	13.72	/	/	<=33	Pass
CP-OFDM QPSK	2505	Edge 1RB Left	18.62	/	/	17.61	/	/	<=33	Pass

		Edge 1RB Right	18.98	/	/	17.97	/	/	<=33	Pass
		Outer Full	18.44	/	/	17.43	/	/	<=33	Pass
		Inner Full	18.91	/	/	17.90	/	/	<=33	Pass
		Inner_1RB Left	18.94	/	/	17.93	/	/	<=33	Pass
		Inner_1RB Right	19.21	/	/	18.20	/	/	<=33	Pass
		Edge 1RB Left	18.59	/	/	17.58	/	/	<=33	Pass
		Edge 1RB Right	18.74	/	/	17.73	/	/	<=33	Pass
		Outer Full	18.41	/	/	17.40	/	/	<=33	Pass
		Inner Full	18.89	/	/	17.88	/	/	<=33	Pass
		Inner_1RB Left	18.74	/	/	17.73	/	/	<=33	Pass
		Inner_1RB Right	19.28	/	/	18.27	/	/	<=33	Pass
		Edge 1RB Left	18.17	/	/	17.16	/	/	<=33	Pass
		Edge 1RB Right	15.98	/	/	14.97	/	/	<=33	Pass
		Outer Full	17.65	/	/	16.64	/	/	<=33	Pass
		Inner Full	18.96	/	/	17.95	/	/	<=33	Pass
	Inner_1RB Left	18.37	/	/	17.36	/	/	<=33	Pass	
	Inner_1RB Right	16.84	/	/	15.83	/	/	<=33	Pass	
	CP-OFDM 16 QAM	2505	Edge 1RB Left	18.32	/	/	17.31	/	/	<=33
Edge 1RB Right			18.17	/	/	17.16	/	/	<=33	Pass
Outer Full			17.76	/	/	16.75	/	/	<=33	Pass
Inner Full			18.01	/	/	17.00	/	/	<=33	Pass
Inner_1RB Left			18.06	/	/	17.05	/	/	<=33	Pass
Inner_1RB Right			18.54	/	/	17.53	/	/	<=33	Pass
2535		Edge 1RB Left	18.55	/	/	17.54	/	/	<=33	Pass
		Edge 1RB Right	18.42	/	/	17.41	/	/	<=33	Pass
		Outer Full	17.80	/	/	16.79	/	/	<=33	Pass
		Inner Full	18.16	/	/	17.15	/	/	<=33	Pass
		Inner_1RB Left	18.19	/	/	17.18	/	/	<=33	Pass
		Inner_1RB Right	18.82	/	/	17.81	/	/	<=33	Pass
2565		Edge 1RB Left	18.25	/	/	17.24	/	/	<=33	Pass
		Edge 1RB Right	15.81	/	/	14.80	/	/	<=33	Pass
		Outer Full	17.45	/	/	16.44	/	/	<=33	Pass
		Inner Full	17.58	/	/	16.57	/	/	<=33	Pass
		Inner_1RB Left	17.93	/	/	16.92	/	/	<=33	Pass
		Inner_1RB Right	16.32	/	/	15.31	/	/	<=33	Pass
CP-OFDM 64 QAM	2505	Edge 1RB Left	17.90	/	/	16.89	/	/	<=33	Pass
		Edge 1RB Right	17.83	/	/	16.82	/	/	<=33	Pass
		Outer Full	17.59	/	/	16.58	/	/	<=33	Pass
		Inner Full	18.13	/	/	17.12	/	/	<=33	Pass
		Inner_1RB Left	18.16	/	/	17.15	/	/	<=33	Pass
	2535	Inner_1RB Right	18.65	/	/	17.64	/	/	<=33	Pass
		Edge 1RB Left	18.08	/	/	17.07	/	/	<=33	Pass
		Edge 1RB Right	18.04	/	/	17.03	/	/	<=33	Pass
		Outer Full	17.28	/	/	16.27	/	/	<=33	Pass
		Inner Full	18.16	/	/	17.15	/	/	<=33	Pass
		Inner_1RB Left	18.18	/	/	17.17	/	/	<=33	Pass
	2565	Inner_1RB Right	18.91	/	/	17.90	/	/	<=33	Pass
		Edge 1RB Left	17.79	/	/	16.78	/	/	<=33	Pass
		Edge 1RB Right	15.47	/	/	14.46	/	/	<=33	Pass
		Outer Full	16.68	/	/	15.67	/	/	<=33	Pass
CP-OFDM 256 QAM	2505	Inner Full	18.25	/	/	17.24	/	/	<=33	Pass
		Inner_1RB Left	18.11	/	/	17.10	/	/	<=33	Pass
		Inner_1RB Right	16.31	/	/	15.30	/	/	<=33	Pass
		Edge 1RB Left	15.27	/	/	14.26	/	/	<=33	Pass
		Edge 1RB Right	15.27	/	/	14.26	/	/	<=33	Pass

	2535	Edge 1RB Left	15.49	/	/	14.48	/	/	<=33	Pass
		Edge 1RB Right	15.40	/	/	14.39	/	/	<=33	Pass
		Outer Full	14.85	/	/	13.84	/	/	<=33	Pass
		Inner Full	14.82	/	/	13.81	/	/	<=33	Pass
		Inner 1RB Left	14.76	/	/	13.75	/	/	<=33	Pass
		Inner 1RB Right	15.34	/	/	14.33	/	/	<=33	Pass
	2565	Edge 1RB Left	15.63	/	/	14.62	/	/	<=33	Pass
		Edge 1RB Right	13.07	/	/	12.06	/	/	<=33	Pass
		Outer Full	14.76	/	/	13.75	/	/	<=33	Pass
		Inner Full	14.61	/	/	13.60	/	/	<=33	Pass
		Inner 1RB Left	14.88	/	/	13.87	/	/	<=33	Pass
		Inner 1RB Right	13.07	/	/	12.06	/	/	<=33	Pass
Note1: Antenna Gain: Ant1: -1.01dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.3 15k_SISO_15MHz_NTNV_EIRP

5G NR n7 SCS=15kHz SISO 15MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	2507.5	Edge 1RB Left	20.70	/	/	19.69	/	/	<=33	Pass
		Edge 1RB Right	20.52	/	/	19.51	/	/	<=33	Pass
		Outer Full	20.13	/	/	19.12	/	/	<=33	Pass
		Inner Full	20.17	/	/	19.16	/	/	<=33	Pass
		Inner 1RB Left	21.07	/	/	20.06	/	/	<=33	Pass
		Inner 1RB Right	20.70	/	/	19.69	/	/	<=33	Pass
	2535	Edge 1RB Left	20.39	/	/	19.38	/	/	<=33	Pass
		Edge 1RB Right	21.08	/	/	20.07	/	/	<=33	Pass
		Outer Full	20.26	/	/	19.25	/	/	<=33	Pass
		Inner Full	20.27	/	/	19.26	/	/	<=33	Pass
		Inner 1RB Left	20.79	/	/	19.78	/	/	<=33	Pass
		Inner 1RB Right	21.40	/	/	20.39	/	/	<=33	Pass
	2562.5	Edge 1RB Left	20.81	/	/	19.80	/	/	<=33	Pass
		Edge 1RB Right	19.23	/	/	18.22	/	/	<=33	Pass
		Outer Full	19.57	/	/	18.56	/	/	<=33	Pass
		Inner Full	19.48	/	/	18.47	/	/	<=33	Pass
		Inner 1RB Left	20.44	/	/	19.43	/	/	<=33	Pass
		Inner 1RB Right	19.58	/	/	18.57	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	2507.5	Edge 1RB Left	19.89	/	/	18.88	/	/	<=33	Pass
		Edge 1RB Right	19.70	/	/	18.69	/	/	<=33	Pass
		Outer Full	19.57	/	/	18.56	/	/	<=33	Pass
		Inner Full	19.38	/	/	18.37	/	/	<=33	Pass
		Inner 1RB Left	20.15	/	/	19.14	/	/	<=33	Pass
		Inner 1RB Right	20.07	/	/	19.06	/	/	<=33	Pass
	2535	Edge 1RB Left	19.56	/	/	18.55	/	/	<=33	Pass
		Edge 1RB Right	20.17	/	/	19.16	/	/	<=33	Pass
		Outer Full	19.01	/	/	18.00	/	/	<=33	Pass
		Inner Full	19.22	/	/	18.21	/	/	<=33	Pass
		Inner 1RB Left	19.92	/	/	18.91	/	/	<=33	Pass
		Inner 1RB Right	20.55	/	/	19.54	/	/	<=33	Pass
	2562.5	Edge 1RB Left	19.59	/	/	18.58	/	/	<=33	Pass
		Edge 1RB Right	18.11	/	/	17.10	/	/	<=33	Pass
		Outer Full	18.46	/	/	17.45	/	/	<=33	Pass
		Inner Full	18.54	/	/	17.53	/	/	<=33	Pass
		Inner 1RB Left	19.71	/	/	18.70	/	/	<=33	Pass
		Inner 1RB Right	18.84	/	/	17.83	/	/	<=33	Pass
DFT-s-OFDM 64 QAM	2507.5	Edge 1RB Left	19.27	/	/	18.26	/	/	<=33	Pass
		Edge 1RB Right	19.11	/	/	18.10	/	/	<=33	Pass

		Outer Full	18.35	/	/	17.34	/	/	<=33	Pass
		Inner Full	18.17	/	/	17.16	/	/	<=33	Pass
		Inner 1RB Left	19.01	/	/	18.00	/	/	<=33	Pass
		Inner 1RB Right	18.97	/	/	17.96	/	/	<=33	Pass
	2535	Edge 1RB Left	19.06	/	/	18.05	/	/	<=33	Pass
		Edge 1RB Right	19.62	/	/	18.61	/	/	<=33	Pass
		Outer Full	18.38	/	/	17.37	/	/	<=33	Pass
		Inner Full	18.16	/	/	17.15	/	/	<=33	Pass
		Inner 1RB Left	18.89	/	/	17.88	/	/	<=33	Pass
		Inner 1RB Right	19.56	/	/	18.55	/	/	<=33	Pass
	2562.5	Edge 1RB Left	19.54	/	/	18.53	/	/	<=33	Pass
		Edge 1RB Right	17.91	/	/	16.90	/	/	<=33	Pass
		Outer Full	18.73	/	/	17.72	/	/	<=33	Pass
		Inner Full	17.82	/	/	16.81	/	/	<=33	Pass
		Inner 1RB Left	19.20	/	/	18.19	/	/	<=33	Pass
		Inner 1RB Right	18.06	/	/	17.05	/	/	<=33	Pass
DFT-s-OFDM 256 QAM	2507.5	Edge 1RB Left	17.55	/	/	16.54	/	/	<=33	Pass
		Edge 1RB Right	17.58	/	/	16.57	/	/	<=33	Pass
		Outer Full	16.89	/	/	15.88	/	/	<=33	Pass
		Inner Full	16.85	/	/	15.84	/	/	<=33	Pass
		Inner 1RB Left	17.38	/	/	16.37	/	/	<=33	Pass
		Inner 1RB Right	17.50	/	/	16.49	/	/	<=33	Pass
	2535	Edge 1RB Left	17.88	/	/	16.87	/	/	<=33	Pass
		Edge 1RB Right	18.20	/	/	17.19	/	/	<=33	Pass
		Outer Full	17.11	/	/	16.10	/	/	<=33	Pass
		Inner Full	16.92	/	/	15.91	/	/	<=33	Pass
		Inner 1RB Left	17.54	/	/	16.53	/	/	<=33	Pass
		Inner 1RB Right	18.07	/	/	17.06	/	/	<=33	Pass
	2562.5	Edge 1RB Left	17.82	/	/	16.81	/	/	<=33	Pass
		Edge 1RB Right	16.14	/	/	15.13	/	/	<=33	Pass
		Outer Full	16.73	/	/	15.72	/	/	<=33	Pass
		Inner Full	16.47	/	/	15.46	/	/	<=33	Pass
		Inner 1RB Left	17.60	/	/	16.59	/	/	<=33	Pass
		Inner 1RB Right	16.44	/	/	15.43	/	/	<=33	Pass
CP-OFDM QPSK	2507.5	Edge 1RB Left	18.86	/	/	17.85	/	/	<=33	Pass
		Edge 1RB Right	19.01	/	/	18.00	/	/	<=33	Pass
		Outer Full	18.44	/	/	17.43	/	/	<=33	Pass
		Inner Full	19.00	/	/	17.99	/	/	<=33	Pass
		Inner 1RB Left	19.51	/	/	18.50	/	/	<=33	Pass
		Inner 1RB Right	19.62	/	/	18.61	/	/	<=33	Pass
	2535	Edge 1RB Left	19.36	/	/	18.35	/	/	<=33	Pass
		Edge 1RB Right	19.37	/	/	18.36	/	/	<=33	Pass
		Outer Full	18.60	/	/	17.59	/	/	<=33	Pass
		Inner Full	18.86	/	/	17.85	/	/	<=33	Pass
		Inner 1RB Left	19.43	/	/	18.42	/	/	<=33	Pass
		Inner 1RB Right	19.96	/	/	18.95	/	/	<=33	Pass
	2562.5	Edge 1RB Left	19.10	/	/	18.09	/	/	<=33	Pass
		Edge 1RB Right	17.52	/	/	16.51	/	/	<=33	Pass
		Outer Full	18.65	/	/	17.64	/	/	<=33	Pass
		Inner Full	18.54	/	/	17.53	/	/	<=33	Pass
		Inner 1RB Left	19.55	/	/	18.54	/	/	<=33	Pass
		Inner 1RB Right	18.40	/	/	17.39	/	/	<=33	Pass
CP-OFDM 16 QAM	2507.5	Edge 1RB Left	18.72	/	/	17.71	/	/	<=33	Pass
		Edge 1RB Right	18.69	/	/	17.68	/	/	<=33	Pass
		Outer Full	17.96	/	/	16.95	/	/	<=33	Pass
		Inner Full	18.22	/	/	17.21	/	/	<=33	Pass
		Inner 1RB Left	18.95	/	/	17.94	/	/	<=33	Pass
		Inner 1RB Right	19.01	/	/	18.00	/	/	<=33	Pass
	2535	Edge 1RB Left	18.74	/	/	17.73	/	/	<=33	Pass

		Edge 1RB Right	19.18	/	/	18.17	/	/	<=33	Pass
		Outer Full	17.98	/	/	16.97	/	/	<=33	Pass
		Inner Full	18.19	/	/	17.18	/	/	<=33	Pass
		Inner_1RB_Left	18.97	/	/	17.96	/	/	<=33	Pass
		Inner 1RB Right	19.57	/	/	18.56	/	/	<=33	Pass
	2562.5	Edge 1RB Left	19.67	/	/	18.66	/	/	<=33	Pass
		Edge 1RB Right	17.76	/	/	16.75	/	/	<=33	Pass
		Outer Full	17.69	/	/	16.68	/	/	<=33	Pass
		Inner Full	18.11	/	/	17.10	/	/	<=33	Pass
		Inner_1RB_Left	19.59	/	/	18.58	/	/	<=33	Pass
	Inner 1RB Right	18.33	/	/	17.32	/	/	<=33	Pass	
CP-OFDM 64 QAM	2507.5	Edge 1RB Left	18.26	/	/	17.25	/	/	<=33	Pass
		Edge 1RB Right	18.25	/	/	17.24	/	/	<=33	Pass
		Outer Full	17.46	/	/	16.45	/	/	<=33	Pass
		Inner Full	18.20	/	/	17.19	/	/	<=33	Pass
		Inner 1RB Left	19.11	/	/	18.10	/	/	<=33	Pass
		Inner 1RB Right	19.12	/	/	18.11	/	/	<=33	Pass
	2535	Edge 1RB Left	18.15	/	/	17.14	/	/	<=33	Pass
		Edge 1RB Right	18.76	/	/	17.75	/	/	<=33	Pass
		Outer Full	17.49	/	/	16.48	/	/	<=33	Pass
		Inner Full	18.17	/	/	17.16	/	/	<=33	Pass
		Inner_1RB_Left	19.03	/	/	18.02	/	/	<=33	Pass
		Inner 1RB Right	19.61	/	/	18.60	/	/	<=33	Pass
	2562.5	Edge 1RB Left	18.48	/	/	17.47	/	/	<=33	Pass
		Edge 1RB Right	16.98	/	/	15.97	/	/	<=33	Pass
		Outer Full	17.42	/	/	16.41	/	/	<=33	Pass
		Inner Full	17.82	/	/	16.81	/	/	<=33	Pass
		Inner 1RB Left	19.11	/	/	18.10	/	/	<=33	Pass
		Inner 1RB Right	18.03	/	/	17.02	/	/	<=33	Pass
CP-OFDM 256 QAM	2507.5	Edge 1RB Left	15.90	/	/	14.89	/	/	<=33	Pass
		Edge 1RB Right	16.10	/	/	15.09	/	/	<=33	Pass
		Outer Full	15.01	/	/	14.00	/	/	<=33	Pass
		Inner Full	15.07	/	/	14.06	/	/	<=33	Pass
		Inner_1RB_Left	15.64	/	/	14.63	/	/	<=33	Pass
		Inner 1RB Right	15.98	/	/	14.97	/	/	<=33	Pass
	2535	Edge 1RB Left	15.79	/	/	14.78	/	/	<=33	Pass
		Edge 1RB Right	16.20	/	/	15.19	/	/	<=33	Pass
		Outer Full	15.02	/	/	14.01	/	/	<=33	Pass
		Inner Full	14.86	/	/	13.85	/	/	<=33	Pass
		Inner_1RB_Left	15.57	/	/	14.56	/	/	<=33	Pass
		Inner 1RB Right	16.13	/	/	15.12	/	/	<=33	Pass
	2562.5	Edge 1RB Left	16.14	/	/	15.13	/	/	<=33	Pass
		Edge 1RB Right	14.88	/	/	13.87	/	/	<=33	Pass
		Outer Full	14.91	/	/	13.90	/	/	<=33	Pass
Inner Full		15.01	/	/	14.00	/	/	<=33	Pass	
Inner_1RB_Left		16.49	/	/	15.48	/	/	<=33	Pass	
	Inner 1RB Right	15.02	/	/	14.01	/	/	<=33	Pass	
Note1: Antenna Gain: Ant1: -1.01dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.4 15k_SISO_20MHz_NTNV_EIRP

5G NR n7 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 QPSK	2510	Edge 1RB Left	21.24	/	/	20.23	/	/	<=33	Pass
		Edge 1RB Right	21.34	/	/	20.33	/	/	<=33	Pass
		Outer Full	20.51	/	/	19.50	/	/	<=33	Pass

	2535	Inner Full	20.41	/	/	19.40	/	/	<=33	Pass
		Inner 1RB Left	21.82	/	/	20.81	/	/	<=33	Pass
		Inner 1RB Right	21.13	/	/	20.12	/	/	<=33	Pass
		Edge 1RB Left	20.34	/	/	19.33	/	/	<=33	Pass
		Edge 1RB Right	21.11	/	/	20.10	/	/	<=33	Pass
		Outer Full	20.41	/	/	19.40	/	/	<=33	Pass
		Inner Full	20.14	/	/	19.13	/	/	<=33	Pass
		Inner 1RB Left	20.90	/	/	19.89	/	/	<=33	Pass
		Inner 1RB Right	21.47	/	/	20.46	/	/	<=33	Pass
	2560	Edge 1RB Left	21.07	/	/	20.06	/	/	<=33	Pass
		Edge 1RB Right	18.58	/	/	17.57	/	/	<=33	Pass
		Outer Full	19.98	/	/	18.97	/	/	<=33	Pass
		Inner Full	20.27	/	/	19.26	/	/	<=33	Pass
		Inner 1RB Left	21.45	/	/	20.44	/	/	<=33	Pass
		Inner 1RB Right	19.19	/	/	18.18	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	2510	Edge 1RB Left	20.16	/	/	19.15	/	/	<=33	Pass
		Edge 1RB Right	19.70	/	/	18.69	/	/	<=33	Pass
		Outer Full	19.29	/	/	18.28	/	/	<=33	Pass
		Inner Full	19.28	/	/	18.27	/	/	<=33	Pass
		Inner 1RB Left	20.51	/	/	19.50	/	/	<=33	Pass
	2535	Inner 1RB Right	20.14	/	/	19.13	/	/	<=33	Pass
		Edge 1RB Left	19.70	/	/	18.69	/	/	<=33	Pass
		Edge 1RB Right	20.21	/	/	19.20	/	/	<=33	Pass
		Outer Full	18.99	/	/	17.98	/	/	<=33	Pass
		Inner Full	19.20	/	/	18.19	/	/	<=33	Pass
		Inner 1RB Left	19.97	/	/	18.96	/	/	<=33	Pass
		Inner 1RB Right	20.63	/	/	19.62	/	/	<=33	Pass
	2560	Edge 1RB Left	20.43	/	/	19.42	/	/	<=33	Pass
		Edge 1RB Right	17.78	/	/	16.77	/	/	<=33	Pass
		Outer Full	19.10	/	/	18.09	/	/	<=33	Pass
		Inner Full	18.78	/	/	17.77	/	/	<=33	Pass
		Inner 1RB Left	20.65	/	/	19.64	/	/	<=33	Pass
		Inner 1RB Right	18.28	/	/	17.27	/	/	<=33	Pass
DFT-s-OFDM 64 QAM	2510	Edge 1RB Left	19.78	/	/	18.77	/	/	<=33	Pass
		Edge 1RB Right	19.34	/	/	18.33	/	/	<=33	Pass
		Outer Full	19.11	/	/	18.10	/	/	<=33	Pass
		Inner Full	18.34	/	/	17.33	/	/	<=33	Pass
		Inner 1RB Left	19.59	/	/	18.58	/	/	<=33	Pass
	2535	Inner 1RB Right	19.39	/	/	18.38	/	/	<=33	Pass
		Edge 1RB Left	19.08	/	/	18.07	/	/	<=33	Pass
		Edge 1RB Right	19.71	/	/	18.70	/	/	<=33	Pass
		Outer Full	18.50	/	/	17.49	/	/	<=33	Pass
		Inner Full	18.13	/	/	17.12	/	/	<=33	Pass
		Inner 1RB Left	19.04	/	/	18.03	/	/	<=33	Pass
		Inner 1RB Right	19.89	/	/	18.88	/	/	<=33	Pass
	2560	Edge 1RB Left	19.69	/	/	18.68	/	/	<=33	Pass
		Edge 1RB Right	17.09	/	/	16.08	/	/	<=33	Pass
		Outer Full	18.17	/	/	17.16	/	/	<=33	Pass
Inner Full		17.66	/	/	16.65	/	/	<=33	Pass	
Inner 1RB Left		19.55	/	/	18.54	/	/	<=33	Pass	
DFT-s-OFDM 256 QAM	2510	Inner 1RB Right	17.17	/	/	16.16	/	/	<=33	Pass
		Edge 1RB Left	17.94	/	/	16.93	/	/	<=33	Pass
		Edge 1RB Right	17.66	/	/	16.65	/	/	<=33	Pass
		Outer Full	17.24	/	/	16.23	/	/	<=33	Pass
		Inner Full	16.93	/	/	15.92	/	/	<=33	Pass
		Inner 1RB Left	17.83	/	/	16.82	/	/	<=33	Pass
	2535	Inner 1RB Right	17.69	/	/	16.68	/	/	<=33	Pass
		Edge 1RB Left	17.42	/	/	16.41	/	/	<=33	Pass
		Edge 1RB Right	18.14	/	/	17.13	/	/	<=33	Pass

		Outer Full	17.09	/	/	16.08	/	/	<=33	Pass
		Inner Full	16.69	/	/	15.68	/	/	<=33	Pass
		Inner 1RB Left	17.44	/	/	16.43	/	/	<=33	Pass
		Inner 1RB Right	18.16	/	/	17.15	/	/	<=33	Pass
	2560	Edge 1RB Left	18.50	/	/	17.49	/	/	<=33	Pass
		Edge 1RB Right	15.74	/	/	14.73	/	/	<=33	Pass
		Outer Full	16.89	/	/	15.88	/	/	<=33	Pass
		Inner Full	16.58	/	/	15.57	/	/	<=33	Pass
		Inner 1RB Left	18.32	/	/	17.31	/	/	<=33	Pass
		Inner 1RB Right	15.82	/	/	14.81	/	/	<=33	Pass
CP-OFDM QPSK	2510	Edge 1RB Left	19.41	/	/	18.40	/	/	<=33	Pass
		Edge 1RB Right	19.70	/	/	18.69	/	/	<=33	Pass
		Outer Full	19.15	/	/	18.14	/	/	<=33	Pass
		Inner Full	19.05	/	/	18.04	/	/	<=33	Pass
		Inner 1RB Left	20.23	/	/	19.22	/	/	<=33	Pass
		Inner 1RB Right	19.72	/	/	18.71	/	/	<=33	Pass
	2535	Edge 1RB Left	18.93	/	/	17.92	/	/	<=33	Pass
		Edge 1RB Right	19.78	/	/	18.77	/	/	<=33	Pass
		Outer Full	18.61	/	/	17.60	/	/	<=33	Pass
		Inner Full	18.88	/	/	17.87	/	/	<=33	Pass
		Inner 1RB Left	19.76	/	/	18.75	/	/	<=33	Pass
		Inner 1RB Right	20.17	/	/	19.16	/	/	<=33	Pass
	2560	Edge 1RB Left	19.51	/	/	18.50	/	/	<=33	Pass
		Edge 1RB Right	16.94	/	/	15.93	/	/	<=33	Pass
		Outer Full	18.38	/	/	17.37	/	/	<=33	Pass
		Inner Full	18.26	/	/	17.25	/	/	<=33	Pass
		Inner 1RB Left	20.07	/	/	19.06	/	/	<=33	Pass
		Inner 1RB Right	17.70	/	/	16.69	/	/	<=33	Pass
CP-OFDM 16 QAM	2510	Edge 1RB Left	19.17	/	/	18.16	/	/	<=33	Pass
		Edge 1RB Right	18.85	/	/	17.84	/	/	<=33	Pass
		Outer Full	18.30	/	/	17.29	/	/	<=33	Pass
		Inner Full	18.30	/	/	17.29	/	/	<=33	Pass
		Inner 1RB Left	19.47	/	/	18.46	/	/	<=33	Pass
		Inner 1RB Right	19.22	/	/	18.21	/	/	<=33	Pass
	2535	Edge 1RB Left	18.99	/	/	17.98	/	/	<=33	Pass
		Edge 1RB Right	19.33	/	/	18.32	/	/	<=33	Pass
		Outer Full	18.16	/	/	17.15	/	/	<=33	Pass
		Inner Full	18.24	/	/	17.23	/	/	<=33	Pass
		Inner 1RB Left	19.20	/	/	18.19	/	/	<=33	Pass
		Inner 1RB Right	19.70	/	/	18.69	/	/	<=33	Pass
	2560	Edge 1RB Left	19.97	/	/	18.96	/	/	<=33	Pass
		Edge 1RB Right	17.33	/	/	16.32	/	/	<=33	Pass
		Outer Full	17.63	/	/	16.62	/	/	<=33	Pass
		Inner Full	18.27	/	/	17.26	/	/	<=33	Pass
		Inner 1RB Left	20.18	/	/	19.17	/	/	<=33	Pass
		Inner 1RB Right	17.68	/	/	16.67	/	/	<=33	Pass
CP-OFDM 64 QAM	2510	Edge 1RB Left	18.84	/	/	17.83	/	/	<=33	Pass
		Edge 1RB Right	18.63	/	/	17.62	/	/	<=33	Pass
		Outer Full	18.19	/	/	17.18	/	/	<=33	Pass
		Inner Full	18.38	/	/	17.37	/	/	<=33	Pass
		Inner 1RB Left	19.59	/	/	18.58	/	/	<=33	Pass
		Inner 1RB Right	19.42	/	/	18.41	/	/	<=33	Pass
	2535	Edge 1RB Left	18.84	/	/	17.83	/	/	<=33	Pass
		Edge 1RB Right	19.18	/	/	18.17	/	/	<=33	Pass
		Outer Full	17.70	/	/	16.69	/	/	<=33	Pass
		Inner Full	18.23	/	/	17.22	/	/	<=33	Pass
		Inner 1RB Left	19.43	/	/	18.42	/	/	<=33	Pass
		Inner 1RB Right	19.92	/	/	18.91	/	/	<=33	Pass
	2560	Edge 1RB Left	19.12	/	/	18.11	/	/	<=33	Pass

		Edge 1RB Right	16.50	/	/	15.49	/	/	<=33	Pass
		Outer Full	17.70	/	/	16.69	/	/	<=33	Pass
		Inner Full	17.94	/	/	16.93	/	/	<=33	Pass
		Inner 1RB Left	19.81	/	/	18.80	/	/	<=33	Pass
		Inner 1RB Right	17.40	/	/	16.39	/	/	<=33	Pass
CP-OFDM 256 QAM	2510	Edge 1RB Left	16.05	/	/	15.04	/	/	<=33	Pass
		Edge 1RB Right	15.95	/	/	14.94	/	/	<=33	Pass
		Outer Full	15.43	/	/	14.42	/	/	<=33	Pass
		Inner Full	15.05	/	/	14.04	/	/	<=33	Pass
		Inner 1RB Left	15.96	/	/	14.95	/	/	<=33	Pass
	2535	Inner 1RB Right	15.92	/	/	14.91	/	/	<=33	Pass
		Edge 1RB Left	16.25	/	/	15.24	/	/	<=33	Pass
		Edge 1RB Right	16.58	/	/	15.57	/	/	<=33	Pass
		Outer Full	15.27	/	/	14.26	/	/	<=33	Pass
		Inner Full	14.95	/	/	13.94	/	/	<=33	Pass
	2560	Inner 1RB Left	15.94	/	/	14.93	/	/	<=33	Pass
		Inner 1RB Right	16.47	/	/	15.46	/	/	<=33	Pass
		Edge 1RB Left	16.63	/	/	15.62	/	/	<=33	Pass
		Edge 1RB Right	14.47	/	/	13.46	/	/	<=33	Pass
		Outer Full	15.10	/	/	14.09	/	/	<=33	Pass
	Inner Full	15.12	/	/	14.11	/	/	<=33	Pass	
	Inner 1RB Left	16.95	/	/	15.94	/	/	<=33	Pass	
		Inner 1RB Right	14.33	/	/	13.32	/	/	<=33	Pass
Note1: Antenna Gain: Ant1: -1.01dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.5 15k_SISO_25MHz_NTNV_EIRP

5G NR n7 SCS=15kHz SISO 25MHz NTNv										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	2512.5	Edge 1RB Left	20.38	/	/	19.37	/	/	<=33	Pass
		Edge 1RB Right	19.50	/	/	18.49	/	/	<=33	Pass
		Outer Full	20.68	/	/	19.67	/	/	<=33	Pass
		Inner Full	20.74	/	/	19.73	/	/	<=33	Pass
		Inner 1RB Left	20.43	/	/	19.42	/	/	<=33	Pass
		Inner 1RB Right	20.29	/	/	19.28	/	/	<=33	Pass
	2535	Edge 1RB Left	19.20	/	/	18.19	/	/	<=33	Pass
		Edge 1RB Right	20.21	/	/	19.20	/	/	<=33	Pass
		Outer Full	20.35	/	/	19.34	/	/	<=33	Pass
		Inner Full	20.36	/	/	19.35	/	/	<=33	Pass
		Inner 1RB Left	19.96	/	/	18.95	/	/	<=33	Pass
		Inner 1RB Right	20.63	/	/	19.62	/	/	<=33	Pass
	2557.5	Edge 1RB Left	20.37	/	/	19.36	/	/	<=33	Pass
		Edge 1RB Right	17.57	/	/	16.56	/	/	<=33	Pass
		Outer Full	20.70	/	/	19.69	/	/	<=33	Pass
		Inner Full	20.19	/	/	19.18	/	/	<=33	Pass
		Inner 1RB Left	20.71	/	/	19.70	/	/	<=33	Pass
Inner 1RB Right		18.48	/	/	17.47	/	/	<=33	Pass	
DFT-s-OFDM 16 QAM	2512.5	Edge 1RB Left	19.20	/	/	18.19	/	/	<=33	Pass
		Edge 1RB Right	18.63	/	/	17.62	/	/	<=33	Pass
		Outer Full	19.64	/	/	18.63	/	/	<=33	Pass
		Inner Full	19.57	/	/	18.56	/	/	<=33	Pass
		Inner 1RB Left	19.43	/	/	18.42	/	/	<=33	Pass
		Inner 1RB Right	19.26	/	/	18.25	/	/	<=33	Pass
	2535	Edge 1RB Left	18.46	/	/	17.45	/	/	<=33	Pass
		Edge 1RB Right	18.78	/	/	17.77	/	/	<=33	Pass
		Outer Full	19.23	/	/	18.22	/	/	<=33	Pass

		Inner Full	19.20	/	/	18.19	/	/	<=33	Pass
		Inner 1RB Left	18.48	/	/	17.47	/	/	<=33	Pass
		Inner 1RB Right	19.28	/	/	18.27	/	/	<=33	Pass
	2557.5	Edge 1RB Left	19.99	/	/	18.98	/	/	<=33	Pass
		Edge 1RB Right	17.06	/	/	16.05	/	/	<=33	Pass
		Outer Full	19.08	/	/	18.07	/	/	<=33	Pass
		Inner Full	19.37	/	/	18.36	/	/	<=33	Pass
		Inner 1RB Left	19.96	/	/	18.95	/	/	<=33	Pass
		Inner 1RB Right	17.67	/	/	16.66	/	/	<=33	Pass
DFT-s-OFDM 64 QAM	2512.5	Edge 1RB Left	18.72	/	/	17.71	/	/	<=33	Pass
		Edge 1RB Right	18.34	/	/	17.33	/	/	<=33	Pass
		Outer Full	18.79	/	/	17.78	/	/	<=33	Pass
		Inner Full	18.80	/	/	17.79	/	/	<=33	Pass
		Inner 1RB Left	18.41	/	/	17.40	/	/	<=33	Pass
		Inner 1RB Right	18.43	/	/	17.42	/	/	<=33	Pass
	2535	Edge 1RB Left	18.52	/	/	17.51	/	/	<=33	Pass
		Edge 1RB Right	18.80	/	/	17.79	/	/	<=33	Pass
		Outer Full	18.86	/	/	17.85	/	/	<=33	Pass
		Inner Full	18.27	/	/	17.26	/	/	<=33	Pass
		Inner 1RB Left	18.11	/	/	17.10	/	/	<=33	Pass
		Inner 1RB Right	18.86	/	/	17.85	/	/	<=33	Pass
	2557.5	Edge 1RB Left	18.90	/	/	17.89	/	/	<=33	Pass
		Edge 1RB Right	16.08	/	/	15.07	/	/	<=33	Pass
		Outer Full	18.68	/	/	17.67	/	/	<=33	Pass
		Inner Full	18.13	/	/	17.12	/	/	<=33	Pass
		Inner 1RB Left	18.58	/	/	17.57	/	/	<=33	Pass
		Inner 1RB Right	16.38	/	/	15.37	/	/	<=33	Pass
DFT-s-OFDM 256 QAM	2512.5	Edge 1RB Left	16.95	/	/	15.94	/	/	<=33	Pass
		Edge 1RB Right	16.56	/	/	15.55	/	/	<=33	Pass
		Outer Full	17.59	/	/	16.58	/	/	<=33	Pass
		Inner Full	17.26	/	/	16.25	/	/	<=33	Pass
		Inner 1RB Left	16.67	/	/	15.66	/	/	<=33	Pass
		Inner 1RB Right	16.72	/	/	15.71	/	/	<=33	Pass
	2535	Edge 1RB Left	16.52	/	/	15.51	/	/	<=33	Pass
		Edge 1RB Right	16.87	/	/	15.86	/	/	<=33	Pass
		Outer Full	17.19	/	/	16.18	/	/	<=33	Pass
		Inner Full	16.75	/	/	15.74	/	/	<=33	Pass
		Inner 1RB Left	16.20	/	/	15.19	/	/	<=33	Pass
		Inner 1RB Right	17.03	/	/	16.02	/	/	<=33	Pass
	2557.5	Edge 1RB Left	17.35	/	/	16.34	/	/	<=33	Pass
		Edge 1RB Right	14.99	/	/	13.98	/	/	<=33	Pass
		Outer Full	17.22	/	/	16.21	/	/	<=33	Pass
		Inner Full	17.28	/	/	16.27	/	/	<=33	Pass
		Inner 1RB Left	17.47	/	/	16.46	/	/	<=33	Pass
		Inner 1RB Right	15.17	/	/	14.16	/	/	<=33	Pass
CP-OFDM QPSK	2512.5	Edge 1RB Left	18.63	/	/	17.62	/	/	<=33	Pass
		Edge 1RB Right	17.94	/	/	16.93	/	/	<=33	Pass
		Outer Full	18.88	/	/	17.87	/	/	<=33	Pass
		Inner Full	19.20	/	/	18.19	/	/	<=33	Pass
		Inner 1RB Left	18.90	/	/	17.89	/	/	<=33	Pass
		Inner 1RB Right	18.74	/	/	17.73	/	/	<=33	Pass
	2535	Edge 1RB Left	17.77	/	/	16.76	/	/	<=33	Pass
		Edge 1RB Right	18.09	/	/	17.08	/	/	<=33	Pass
		Outer Full	18.54	/	/	17.53	/	/	<=33	Pass
		Inner Full	18.82	/	/	17.81	/	/	<=33	Pass
		Inner 1RB Left	18.16	/	/	17.15	/	/	<=33	Pass
		Inner 1RB Right	18.80	/	/	17.79	/	/	<=33	Pass
	2557.5	Edge 1RB Left	18.67	/	/	17.66	/	/	<=33	Pass
		Edge 1RB Right	15.90	/	/	14.89	/	/	<=33	Pass

		Outer Full	18.71	/	/	17.70	/	/	<=33	Pass
		Inner Full	18.50	/	/	17.49	/	/	<=33	Pass
		Inner_1RB_Left	19.18	/	/	18.17	/	/	<=33	Pass
		Inner_1RB_Right	17.02	/	/	16.01	/	/	<=33	Pass
CP-OFDM 16 QAM	2512.5	Edge_1RB_Left	18.20	/	/	17.19	/	/	<=33	Pass
		Edge_1RB_Right	17.86	/	/	16.85	/	/	<=33	Pass
		Outer Full	18.38	/	/	17.37	/	/	<=33	Pass
		Inner Full	18.63	/	/	17.62	/	/	<=33	Pass
		Inner_1RB_Left	18.37	/	/	17.36	/	/	<=33	Pass
		Inner_1RB_Right	18.41	/	/	17.40	/	/	<=33	Pass
		Edge_1RB_Left	17.67	/	/	16.66	/	/	<=33	Pass
	2535	Edge_1RB_Right	17.95	/	/	16.94	/	/	<=33	Pass
		Outer Full	18.09	/	/	17.08	/	/	<=33	Pass
		Inner Full	18.68	/	/	17.67	/	/	<=33	Pass
		Inner_1RB_Left	17.82	/	/	16.81	/	/	<=33	Pass
		Inner_1RB_Right	18.53	/	/	17.52	/	/	<=33	Pass
		Edge_1RB_Left	18.89	/	/	17.88	/	/	<=33	Pass
	2557.5	Edge_1RB_Right	16.07	/	/	15.06	/	/	<=33	Pass
		Outer Full	17.81	/	/	16.80	/	/	<=33	Pass
		Inner Full	18.37	/	/	17.36	/	/	<=33	Pass
		Inner_1RB_Left	18.91	/	/	17.90	/	/	<=33	Pass
		Inner_1RB_Right	16.71	/	/	15.70	/	/	<=33	Pass
Edge_1RB_Left		17.68	/	/	16.67	/	/	<=33	Pass	
CP-OFDM 64 QAM	2512.5	Edge_1RB_Right	17.38	/	/	16.37	/	/	<=33	Pass
		Outer Full	17.94	/	/	16.93	/	/	<=33	Pass
		Inner Full	18.60	/	/	17.59	/	/	<=33	Pass
		Inner_1RB_Left	18.51	/	/	17.50	/	/	<=33	Pass
		Inner_1RB_Right	18.47	/	/	17.46	/	/	<=33	Pass
		Edge_1RB_Left	17.27	/	/	16.26	/	/	<=33	Pass
	2535	Edge_1RB_Right	17.76	/	/	16.75	/	/	<=33	Pass
		Outer Full	18.01	/	/	17.00	/	/	<=33	Pass
		Inner Full	18.57	/	/	17.56	/	/	<=33	Pass
		Inner_1RB_Left	18.63	/	/	17.62	/	/	<=33	Pass
		Inner_1RB_Right	19.25	/	/	18.24	/	/	<=33	Pass
		Edge_1RB_Left	18.19	/	/	17.18	/	/	<=33	Pass
	2557.5	Edge_1RB_Right	15.25	/	/	14.24	/	/	<=33	Pass
		Outer Full	17.81	/	/	16.80	/	/	<=33	Pass
		Inner Full	18.10	/	/	17.09	/	/	<=33	Pass
		Inner_1RB_Left	18.71	/	/	17.70	/	/	<=33	Pass
		Inner_1RB_Right	16.40	/	/	15.39	/	/	<=33	Pass
		Edge_1RB_Left	15.30	/	/	14.29	/	/	<=33	Pass
CP-OFDM 256 QAM	2512.5	Edge_1RB_Right	15.31	/	/	14.30	/	/	<=33	Pass
		Outer Full	15.55	/	/	14.54	/	/	<=33	Pass
		Inner Full	15.66	/	/	14.65	/	/	<=33	Pass
		Inner_1RB_Left	15.02	/	/	14.01	/	/	<=33	Pass
		Inner_1RB_Right	15.39	/	/	14.38	/	/	<=33	Pass
		Edge_1RB_Left	14.74	/	/	13.73	/	/	<=33	Pass
	2535	Edge_1RB_Right	15.10	/	/	14.09	/	/	<=33	Pass
		Outer Full	15.52	/	/	14.51	/	/	<=33	Pass
		Inner Full	15.22	/	/	14.21	/	/	<=33	Pass
		Inner_1RB_Left	14.49	/	/	13.48	/	/	<=33	Pass
		Inner_1RB_Right	15.66	/	/	14.65	/	/	<=33	Pass
		Edge_1RB_Left	15.35	/	/	14.34	/	/	<=33	Pass
	2557.5	Edge_1RB_Right	13.05	/	/	12.04	/	/	<=33	Pass
		Outer Full	15.05	/	/	14.04	/	/	<=33	Pass
		Inner Full	15.17	/	/	14.16	/	/	<=33	Pass
		Inner_1RB_Left	15.40	/	/	14.39	/	/	<=33	Pass
		Inner_1RB_Right	13.26	/	/	12.25	/	/	<=33	Pass
		Note1: Antenna Gain: Ant1: -1.01dBi;								

Note2: EIRP=Conducted Power+Antenna Gain

1.1.6 15k_SISO_30MHz_NTNV_EIRP

5G NR n7 SCS=15kHz SISO 30MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	2515	Edge_1RB_Left	21.11	/	/	20.10	/	/	<=33	Pass
		Edge_1RB_Right	20.55	/	/	19.54	/	/	<=33	Pass
		Outer_Full	20.38	/	/	19.37	/	/	<=33	Pass
		Inner_Full	20.31	/	/	19.30	/	/	<=33	Pass
		Inner_1RB_Left	21.33	/	/	20.32	/	/	<=33	Pass
		Inner_1RB_Right	21.25	/	/	20.24	/	/	<=33	Pass
	2535	Edge_1RB_Left	20.19	/	/	19.18	/	/	<=33	Pass
		Edge_1RB_Right	20.53	/	/	19.52	/	/	<=33	Pass
		Outer_Full	20.18	/	/	19.17	/	/	<=33	Pass
		Inner_Full	20.07	/	/	19.06	/	/	<=33	Pass
		Inner_1RB_Left	20.67	/	/	19.66	/	/	<=33	Pass
		Inner_1RB_Right	20.86	/	/	19.85	/	/	<=33	Pass
	2555	Edge_1RB_Left	21.15	/	/	20.14	/	/	<=33	Pass
		Edge_1RB_Right	18.67	/	/	17.66	/	/	<=33	Pass
		Outer_Full	19.41	/	/	18.40	/	/	<=33	Pass
		Inner_Full	20.05	/	/	19.04	/	/	<=33	Pass
		Inner_1RB_Left	21.10	/	/	20.09	/	/	<=33	Pass
		Inner_1RB_Right	18.91	/	/	17.90	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	2515	Edge_1RB_Left	20.19	/	/	19.18	/	/	<=33	Pass
		Edge_1RB_Right	19.87	/	/	18.86	/	/	<=33	Pass
		Outer_Full	19.24	/	/	18.23	/	/	<=33	Pass
		Inner_Full	19.22	/	/	18.21	/	/	<=33	Pass
		Inner_1RB_Left	20.55	/	/	19.54	/	/	<=33	Pass
		Inner_1RB_Right	20.29	/	/	19.28	/	/	<=33	Pass
	2535	Edge_1RB_Left	19.63	/	/	18.62	/	/	<=33	Pass
		Edge_1RB_Right	19.83	/	/	18.82	/	/	<=33	Pass
		Outer_Full	18.89	/	/	17.88	/	/	<=33	Pass
		Inner_Full	19.08	/	/	18.07	/	/	<=33	Pass
		Inner_1RB_Left	19.94	/	/	18.93	/	/	<=33	Pass
		Inner_1RB_Right	20.21	/	/	19.20	/	/	<=33	Pass
	2555	Edge_1RB_Left	19.96	/	/	18.95	/	/	<=33	Pass
		Edge_1RB_Right	17.49	/	/	16.48	/	/	<=33	Pass
		Outer_Full	18.76	/	/	17.75	/	/	<=33	Pass
		Inner_Full	18.52	/	/	17.51	/	/	<=33	Pass
		Inner_1RB_Left	20.32	/	/	19.31	/	/	<=33	Pass
		Inner_1RB_Right	18.23	/	/	17.22	/	/	<=33	Pass
DFT-s-OFDM 64 QAM	2515	Edge_1RB_Left	19.86	/	/	18.85	/	/	<=33	Pass
		Edge_1RB_Right	19.57	/	/	18.56	/	/	<=33	Pass
		Outer_Full	18.56	/	/	17.55	/	/	<=33	Pass
		Inner_Full	18.44	/	/	17.43	/	/	<=33	Pass
		Inner_1RB_Left	19.48	/	/	18.47	/	/	<=33	Pass
		Inner_1RB_Right	19.44	/	/	18.43	/	/	<=33	Pass
	2535	Edge_1RB_Left	19.07	/	/	18.06	/	/	<=33	Pass
		Edge_1RB_Right	19.31	/	/	18.30	/	/	<=33	Pass
		Outer_Full	18.36	/	/	17.35	/	/	<=33	Pass
		Inner_Full	18.04	/	/	17.03	/	/	<=33	Pass
		Inner_1RB_Left	19.06	/	/	18.05	/	/	<=33	Pass
		Inner_1RB_Right	19.43	/	/	18.42	/	/	<=33	Pass
	2555	Edge_1RB_Left	19.51	/	/	18.50	/	/	<=33	Pass
		Edge_1RB_Right	16.95	/	/	15.94	/	/	<=33	Pass

		Outer Full	17.95	/	/	16.94	/	/	<=33	Pass
		Inner Full	17.45	/	/	16.44	/	/	<=33	Pass
		Inner 1RB Left	19.45	/	/	18.44	/	/	<=33	Pass
		Inner 1RB Right	17.30	/	/	16.29	/	/	<=33	Pass
DFT-s-OFDM 256 QAM	2515	Edge 1RB Left	17.95	/	/	16.94	/	/	<=33	Pass
		Edge 1RB Right	17.77	/	/	16.76	/	/	<=33	Pass
		Outer Full	17.36	/	/	16.35	/	/	<=33	Pass
		Inner Full	16.81	/	/	15.80	/	/	<=33	Pass
		Inner 1RB Left	17.88	/	/	16.87	/	/	<=33	Pass
		Inner 1RB Right	17.78	/	/	16.77	/	/	<=33	Pass
	2535	Edge 1RB Left	18.02	/	/	17.01	/	/	<=33	Pass
		Edge 1RB Right	18.14	/	/	17.13	/	/	<=33	Pass
		Outer Full	17.00	/	/	15.99	/	/	<=33	Pass
		Inner Full	16.71	/	/	15.70	/	/	<=33	Pass
		Inner 1RB Left	17.75	/	/	16.74	/	/	<=33	Pass
		Inner 1RB Right	18.05	/	/	17.04	/	/	<=33	Pass
	2555	Edge 1RB Left	17.94	/	/	16.93	/	/	<=33	Pass
		Edge 1RB Right	15.59	/	/	14.58	/	/	<=33	Pass
		Outer Full	17.10	/	/	16.09	/	/	<=33	Pass
		Inner Full	16.27	/	/	15.26	/	/	<=33	Pass
		Inner 1RB Left	17.84	/	/	16.83	/	/	<=33	Pass
		Inner 1RB Right	15.89	/	/	14.88	/	/	<=33	Pass
CP-OFDM QPSK	2515	Edge 1RB Left	19.68	/	/	18.67	/	/	<=33	Pass
		Edge 1RB Right	19.14	/	/	18.13	/	/	<=33	Pass
		Outer Full	18.53	/	/	17.52	/	/	<=33	Pass
		Inner Full	18.83	/	/	17.82	/	/	<=33	Pass
		Inner 1RB Left	19.87	/	/	18.86	/	/	<=33	Pass
		Inner 1RB Right	19.75	/	/	18.74	/	/	<=33	Pass
	2535	Edge 1RB Left	19.34	/	/	18.33	/	/	<=33	Pass
		Edge 1RB Right	19.13	/	/	18.12	/	/	<=33	Pass
		Outer Full	18.51	/	/	17.50	/	/	<=33	Pass
		Inner Full	18.67	/	/	17.66	/	/	<=33	Pass
		Inner 1RB Left	19.45	/	/	18.44	/	/	<=33	Pass
		Inner 1RB Right	19.60	/	/	18.59	/	/	<=33	Pass
	2555	Edge 1RB Left	19.07	/	/	18.06	/	/	<=33	Pass
		Edge 1RB Right	16.68	/	/	15.67	/	/	<=33	Pass
		Outer Full	17.90	/	/	16.89	/	/	<=33	Pass
		Inner Full	18.63	/	/	17.62	/	/	<=33	Pass
		Inner 1RB Left	19.62	/	/	18.61	/	/	<=33	Pass
		Inner 1RB Right	17.63	/	/	16.62	/	/	<=33	Pass
CP-OFDM 16 QAM	2515	Edge 1RB Left	19.21	/	/	18.20	/	/	<=33	Pass
		Edge 1RB Right	19.10	/	/	18.09	/	/	<=33	Pass
		Outer Full	18.13	/	/	17.12	/	/	<=33	Pass
		Inner Full	18.32	/	/	17.31	/	/	<=33	Pass
		Inner 1RB Left	19.53	/	/	18.52	/	/	<=33	Pass
		Inner 1RB Right	19.46	/	/	18.45	/	/	<=33	Pass
	2535	Edge 1RB Left	18.75	/	/	17.74	/	/	<=33	Pass
		Edge 1RB Right	18.94	/	/	17.93	/	/	<=33	Pass
		Outer Full	17.93	/	/	16.92	/	/	<=33	Pass
		Inner Full	18.05	/	/	17.04	/	/	<=33	Pass
		Inner 1RB Left	19.09	/	/	18.08	/	/	<=33	Pass
		Inner 1RB Right	19.36	/	/	18.35	/	/	<=33	Pass
	2555	Edge 1RB Left	18.95	/	/	17.94	/	/	<=33	Pass
		Edge 1RB Right	16.65	/	/	15.64	/	/	<=33	Pass
		Outer Full	17.76	/	/	16.75	/	/	<=33	Pass
		Inner Full	17.52	/	/	16.51	/	/	<=33	Pass
		Inner 1RB Left	19.29	/	/	18.28	/	/	<=33	Pass
		Inner 1RB Right	17.35	/	/	16.34	/	/	<=33	Pass
CP-OFDM 64 QAM	2515	Edge 1RB Left	18.62	/	/	17.61	/	/	<=33	Pass

		Edge 1RB Right	18.47	/	/	17.46	/	/	<=33	Pass
		Outer_Full	17.71	/	/	16.70	/	/	<=33	Pass
		Inner_Full	18.17	/	/	17.16	/	/	<=33	Pass
		Inner_1RB_Left	19.57	/	/	18.56	/	/	<=33	Pass
		Inner_1RB_Right	19.34	/	/	18.33	/	/	<=33	Pass
	2535	Edge 1RB Left	18.35	/	/	17.34	/	/	<=33	Pass
		Edge 1RB Right	18.44	/	/	17.43	/	/	<=33	Pass
		Outer_Full	17.47	/	/	16.46	/	/	<=33	Pass
		Inner_Full	18.08	/	/	17.07	/	/	<=33	Pass
		Inner_1RB_Left	18.97	/	/	17.96	/	/	<=33	Pass
	2555	Inner_1RB_Right	19.50	/	/	18.49	/	/	<=33	Pass
		Edge 1RB Left	18.72	/	/	17.71	/	/	<=33	Pass
		Edge 1RB Right	16.37	/	/	15.36	/	/	<=33	Pass
		Outer_Full	17.04	/	/	16.03	/	/	<=33	Pass
		Inner_Full	17.51	/	/	16.50	/	/	<=33	Pass
CP-OFDM 256 QAM	2515	Inner_1RB_Left	19.38	/	/	18.37	/	/	<=33	Pass
		Inner_1RB_Right	17.37	/	/	16.36	/	/	<=33	Pass
		Edge 1RB Left	16.45	/	/	15.44	/	/	<=33	Pass
		Edge 1RB Right	16.48	/	/	15.47	/	/	<=33	Pass
		Outer_Full	15.25	/	/	14.24	/	/	<=33	Pass
		Inner_Full	15.27	/	/	14.26	/	/	<=33	Pass
	2535	Inner_1RB_Left	16.33	/	/	15.32	/	/	<=33	Pass
		Inner_1RB_Right	16.42	/	/	15.41	/	/	<=33	Pass
		Edge 1RB Left	15.95	/	/	14.94	/	/	<=33	Pass
		Edge 1RB Right	16.22	/	/	15.21	/	/	<=33	Pass
		Outer_Full	15.13	/	/	14.12	/	/	<=33	Pass
		Inner_Full	14.66	/	/	13.65	/	/	<=33	Pass
	2555	Inner_1RB_Left	15.81	/	/	14.80	/	/	<=33	Pass
		Inner_1RB_Right	16.15	/	/	15.14	/	/	<=33	Pass
		Edge 1RB Left	15.91	/	/	14.90	/	/	<=33	Pass
		Edge 1RB Right	13.68	/	/	12.67	/	/	<=33	Pass
		Outer_Full	14.85	/	/	13.84	/	/	<=33	Pass
		Inner_Full	14.17	/	/	13.16	/	/	<=33	Pass
		Inner_1RB_Left	15.82	/	/	14.81	/	/	<=33	Pass
		Inner_1RB_Right	14.00	/	/	12.99	/	/	<=33	Pass
Note1: Antenna Gain: Ant1: -1.01dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.7 30k_SISO_10MHz_NTNV_EIRP

5G NR n7 SCS=30kHz SISO 10MHz NTNv										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)			Limit	Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum		
DFT-s-OFDM QPSK	2505	Edge 1RB Left	19.95	/	/	18.94	/	/	<=33	Pass
		Edge 1RB Right	19.84	/	/	18.83	/	/	<=33	Pass
		Outer Full	19.92	/	/	18.91	/	/	<=33	Pass
		Inner Full	20.04	/	/	19.03	/	/	<=33	Pass
		Inner 1RB Left	20.21	/	/	19.20	/	/	<=33	Pass
		Inner 1RB Right	20.15	/	/	19.14	/	/	<=33	Pass
	2535	Edge 1RB Left	19.70	/	/	18.69	/	/	<=33	Pass
		Edge 1RB Right	20.32	/	/	19.31	/	/	<=33	Pass
		Outer Full	20.14	/	/	19.13	/	/	<=33	Pass
		Inner Full	20.30	/	/	19.29	/	/	<=33	Pass
		Inner 1RB Left	20.30	/	/	19.29	/	/	<=33	Pass
		Inner 1RB Right	20.68	/	/	19.67	/	/	<=33	Pass
	2565	Edge 1RB Left	19.24	/	/	18.23	/	/	<=33	Pass
		Edge 1RB Right	18.64	/	/	17.63	/	/	<=33	Pass
		Outer Full	19.58	/	/	18.57	/	/	<=33	Pass

		Inner Full	19.75	/	/	18.74	/	/	<=33	Pass
		Inner 1RB Left	19.49	/	/	18.48	/	/	<=33	Pass
		Inner 1RB Right	19.66	/	/	18.65	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	2505	Edge 1RB Left	19.22	/	/	18.21	/	/	<=33	Pass
		Edge 1RB Right	19.22	/	/	18.21	/	/	<=33	Pass
		Outer Full	18.70	/	/	17.69	/	/	<=33	Pass
		Inner Full	19.33	/	/	18.32	/	/	<=33	Pass
		Inner 1RB Left	19.44	/	/	18.43	/	/	<=33	Pass
		Inner 1RB Right	19.61	/	/	18.60	/	/	<=33	Pass
		Edge 1RB Left	18.82	/	/	17.81	/	/	<=33	Pass
	2535	Edge 1RB Right	19.40	/	/	18.39	/	/	<=33	Pass
		Outer Full	18.81	/	/	17.80	/	/	<=33	Pass
		Inner Full	19.30	/	/	18.29	/	/	<=33	Pass
		Inner 1RB Left	19.37	/	/	18.36	/	/	<=33	Pass
		Inner 1RB Right	19.74	/	/	18.73	/	/	<=33	Pass
	2565	Edge 1RB Left	18.54	/	/	17.53	/	/	<=33	Pass
		Edge 1RB Right	17.80	/	/	16.79	/	/	<=33	Pass
		Outer Full	18.44	/	/	17.43	/	/	<=33	Pass
		Inner Full	18.42	/	/	17.41	/	/	<=33	Pass
		Inner 1RB Left	18.68	/	/	17.67	/	/	<=33	Pass
		Inner 1RB Right	18.85	/	/	17.84	/	/	<=33	Pass
DFT-s-OFDM 64 QAM	2505	Edge 1RB Left	18.15	/	/	17.14	/	/	<=33	Pass
		Edge 1RB Right	18.19	/	/	17.18	/	/	<=33	Pass
		Outer Full	18.09	/	/	17.08	/	/	<=33	Pass
		Inner Full	17.95	/	/	16.94	/	/	<=33	Pass
		Inner 1RB Left	18.01	/	/	17.00	/	/	<=33	Pass
		Inner 1RB Right	18.20	/	/	17.19	/	/	<=33	Pass
	2535	Edge 1RB Left	18.23	/	/	17.22	/	/	<=33	Pass
		Edge 1RB Right	18.83	/	/	17.82	/	/	<=33	Pass
		Outer Full	18.16	/	/	17.15	/	/	<=33	Pass
		Inner Full	18.25	/	/	17.24	/	/	<=33	Pass
		Inner 1RB Left	18.42	/	/	17.41	/	/	<=33	Pass
	2565	Inner 1RB Right	18.75	/	/	17.74	/	/	<=33	Pass
		Edge 1RB Left	17.80	/	/	16.79	/	/	<=33	Pass
		Edge 1RB Right	17.07	/	/	16.06	/	/	<=33	Pass
		Outer Full	17.45	/	/	16.44	/	/	<=33	Pass
		Inner Full	17.91	/	/	16.90	/	/	<=33	Pass
		Inner 1RB Left	17.53	/	/	16.52	/	/	<=33	Pass
DFT-s-OFDM 256 QAM	2505	Inner 1RB Right	17.72	/	/	16.71	/	/	<=33	Pass
		Edge 1RB Left	16.54	/	/	15.53	/	/	<=33	Pass
		Edge 1RB Right	16.59	/	/	15.58	/	/	<=33	Pass
		Outer Full	16.56	/	/	15.55	/	/	<=33	Pass
		Inner Full	16.85	/	/	15.84	/	/	<=33	Pass
		Inner 1RB Left	16.74	/	/	15.73	/	/	<=33	Pass
	2535	Inner 1RB Right	17.13	/	/	16.12	/	/	<=33	Pass
		Edge 1RB Left	16.72	/	/	15.71	/	/	<=33	Pass
		Edge 1RB Right	16.85	/	/	15.84	/	/	<=33	Pass
		Outer Full	16.87	/	/	15.86	/	/	<=33	Pass
		Inner Full	16.56	/	/	15.55	/	/	<=33	Pass
		Inner 1RB Left	16.49	/	/	15.48	/	/	<=33	Pass
	2565	Inner 1RB Right	16.91	/	/	15.90	/	/	<=33	Pass
		Edge 1RB Left	16.59	/	/	15.58	/	/	<=33	Pass
		Edge 1RB Right	15.71	/	/	14.70	/	/	<=33	Pass
		Outer Full	16.57	/	/	15.56	/	/	<=33	Pass
		Inner Full	16.27	/	/	15.26	/	/	<=33	Pass
		Inner 1RB Left	16.48	/	/	15.47	/	/	<=33	Pass
CP-OFDM QPSK	2505	Inner 1RB Right	16.50	/	/	15.49	/	/	<=33	Pass
		Edge 1RB Left	18.02	/	/	17.01	/	/	<=33	Pass
		Edge 1RB Right	17.89	/	/	16.88	/	/	<=33	Pass

		Outer Full	18.19	/	/	17.18	/	/	<=33	Pass
		Inner Full	18.73	/	/	17.72	/	/	<=33	Pass
		Inner 1RB Left	18.82	/	/	17.81	/	/	<=33	Pass
		Inner 1RB Right	18.88	/	/	17.87	/	/	<=33	Pass
	2535	Edge 1RB Left	17.97	/	/	16.96	/	/	<=33	Pass
		Edge 1RB Right	18.29	/	/	17.28	/	/	<=33	Pass
		Outer Full	18.28	/	/	17.27	/	/	<=33	Pass
		Inner Full	18.68	/	/	17.67	/	/	<=33	Pass
		Inner 1RB Left	18.62	/	/	17.61	/	/	<=33	Pass
		Inner 1RB Right	19.00	/	/	17.99	/	/	<=33	Pass
	2565	Edge 1RB Left	17.58	/	/	16.57	/	/	<=33	Pass
		Edge 1RB Right	16.85	/	/	15.84	/	/	<=33	Pass
		Outer Full	17.66	/	/	16.65	/	/	<=33	Pass
		Inner Full	18.62	/	/	17.61	/	/	<=33	Pass
		Inner 1RB Left	18.08	/	/	17.07	/	/	<=33	Pass
		Inner 1RB Right	18.21	/	/	17.20	/	/	<=33	Pass
CP-OFDM 16 QAM	2505	Edge 1RB Left	17.60	/	/	16.59	/	/	<=33	Pass
		Edge 1RB Right	17.64	/	/	16.63	/	/	<=33	Pass
		Outer Full	17.55	/	/	16.54	/	/	<=33	Pass
		Inner Full	17.88	/	/	16.87	/	/	<=33	Pass
		Inner 1RB Left	17.94	/	/	16.93	/	/	<=33	Pass
		Inner 1RB Right	18.15	/	/	17.14	/	/	<=33	Pass
	2535	Edge 1RB Left	18.13	/	/	17.12	/	/	<=33	Pass
		Edge 1RB Right	18.16	/	/	17.15	/	/	<=33	Pass
		Outer Full	17.56	/	/	16.55	/	/	<=33	Pass
		Inner Full	18.13	/	/	17.12	/	/	<=33	Pass
		Inner 1RB Left	18.26	/	/	17.25	/	/	<=33	Pass
		Inner 1RB Right	18.60	/	/	17.59	/	/	<=33	Pass
	2565	Edge 1RB Left	17.50	/	/	16.49	/	/	<=33	Pass
		Edge 1RB Right	16.64	/	/	15.63	/	/	<=33	Pass
		Outer Full	17.30	/	/	16.29	/	/	<=33	Pass
		Inner Full	17.55	/	/	16.54	/	/	<=33	Pass
		Inner 1RB Left	17.64	/	/	16.63	/	/	<=33	Pass
		Inner 1RB Right	17.94	/	/	16.93	/	/	<=33	Pass
CP-OFDM 64 QAM	2505	Edge 1RB Left	17.44	/	/	16.43	/	/	<=33	Pass
		Edge 1RB Right	17.42	/	/	16.41	/	/	<=33	Pass
		Outer Full	16.93	/	/	15.92	/	/	<=33	Pass
		Inner Full	18.01	/	/	17.00	/	/	<=33	Pass
		Inner 1RB Left	18.22	/	/	17.21	/	/	<=33	Pass
		Inner 1RB Right	18.46	/	/	17.45	/	/	<=33	Pass
	2535	Edge 1RB Left	17.36	/	/	16.35	/	/	<=33	Pass
		Edge 1RB Right	17.96	/	/	16.95	/	/	<=33	Pass
		Outer Full	17.17	/	/	16.16	/	/	<=33	Pass
		Inner Full	18.20	/	/	17.19	/	/	<=33	Pass
		Inner 1RB Left	18.52	/	/	17.51	/	/	<=33	Pass
		Inner 1RB Right	18.84	/	/	17.83	/	/	<=33	Pass
	2565	Edge 1RB Left	17.20	/	/	16.19	/	/	<=33	Pass
		Edge 1RB Right	16.39	/	/	15.38	/	/	<=33	Pass
		Outer Full	16.71	/	/	15.70	/	/	<=33	Pass
		Inner Full	17.73	/	/	16.72	/	/	<=33	Pass
		Inner 1RB Left	17.76	/	/	16.75	/	/	<=33	Pass
		Inner 1RB Right	18.31	/	/	17.30	/	/	<=33	Pass
CP-OFDM 256 QAM	2505	Edge 1RB Left	14.71	/	/	13.70	/	/	<=33	Pass
		Edge 1RB Right	14.86	/	/	13.85	/	/	<=33	Pass
		Outer Full	14.71	/	/	13.70	/	/	<=33	Pass
		Inner Full	14.66	/	/	13.65	/	/	<=33	Pass
		Inner 1RB Left	14.58	/	/	13.57	/	/	<=33	Pass
		Inner 1RB Right	14.93	/	/	13.92	/	/	<=33	Pass
	2535	Edge 1RB Left	14.96	/	/	13.95	/	/	<=33	Pass

		Edge 1RB Right	15.02	/	/	14.01	/	/	<=33	Pass
		Outer_Full	14.91	/	/	13.90	/	/	<=33	Pass
		Inner_Full	14.69	/	/	13.68	/	/	<=33	Pass
		Inner_1RB_Left	14.73	/	/	13.72	/	/	<=33	Pass
		Inner 1RB Right	15.11	/	/	14.10	/	/	<=33	Pass
	2565	Edge 1RB Left	14.82	/	/	13.81	/	/	<=33	Pass
		Edge 1RB Right	13.80	/	/	12.79	/	/	<=33	Pass
		Outer_Full	14.56	/	/	13.55	/	/	<=33	Pass
		Inner_Full	14.25	/	/	13.24	/	/	<=33	Pass
		Inner_1RB_Left	14.54	/	/	13.53	/	/	<=33	Pass
		Inner 1RB Right	14.54	/	/	13.53	/	/	<=33	Pass
Note1: Antenna Gain: Ant1: -1.01dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.8 30k_SISO_15MHz_NTNV_EIRP

5G NR n7 SCS=30kHz SISO 15MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	2507.5	Edge 1RB Left	20.19	/	/	19.18	/	/	<=33	Pass
		Edge 1RB Right	20.47	/	/	19.46	/	/	<=33	Pass
		Outer Full	19.98	/	/	18.97	/	/	<=33	Pass
		Inner Full	20.01	/	/	19.00	/	/	<=33	Pass
		Inner 1RB Left	20.80	/	/	19.79	/	/	<=33	Pass
		Inner 1RB Right	20.56	/	/	19.55	/	/	<=33	Pass
	2535	Edge 1RB Left	19.91	/	/	18.90	/	/	<=33	Pass
		Edge 1RB Right	21.20	/	/	20.19	/	/	<=33	Pass
		Outer Full	19.75	/	/	18.74	/	/	<=33	Pass
		Inner Full	20.17	/	/	19.16	/	/	<=33	Pass
		Inner 1RB Left	20.66	/	/	19.65	/	/	<=33	Pass
		Inner 1RB Right	21.32	/	/	20.31	/	/	<=33	Pass
	2562.5	Edge 1RB Left	20.19	/	/	19.18	/	/	<=33	Pass
		Edge 1RB Right	19.84	/	/	18.83	/	/	<=33	Pass
		Outer Full	20.29	/	/	19.28	/	/	<=33	Pass
		Inner Full	19.35	/	/	18.34	/	/	<=33	Pass
		Inner 1RB Left	21.09	/	/	20.08	/	/	<=33	Pass
		Inner 1RB Right	20.82	/	/	19.81	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	2507.5	Edge 1RB Left	19.75	/	/	18.74	/	/	<=33	Pass
		Edge 1RB Right	20.06	/	/	19.05	/	/	<=33	Pass
		Outer Full	18.77	/	/	17.76	/	/	<=33	Pass
		Inner Full	19.45	/	/	18.44	/	/	<=33	Pass
		Inner 1RB Left	20.05	/	/	19.04	/	/	<=33	Pass
		Inner 1RB Right	20.18	/	/	19.17	/	/	<=33	Pass
	2535	Edge 1RB Left	18.89	/	/	17.88	/	/	<=33	Pass
		Edge 1RB Right	19.90	/	/	18.89	/	/	<=33	Pass
		Outer Full	18.84	/	/	17.83	/	/	<=33	Pass
		Inner Full	19.19	/	/	18.18	/	/	<=33	Pass
		Inner 1RB Left	19.81	/	/	18.80	/	/	<=33	Pass
		Inner 1RB Right	20.48	/	/	19.47	/	/	<=33	Pass
	2562.5	Edge 1RB Left	19.13	/	/	18.12	/	/	<=33	Pass
		Edge 1RB Right	18.82	/	/	17.81	/	/	<=33	Pass
		Outer Full	18.33	/	/	17.32	/	/	<=33	Pass
		Inner Full	19.08	/	/	18.07	/	/	<=33	Pass
		Inner 1RB Left	19.33	/	/	18.32	/	/	<=33	Pass
		Inner 1RB Right	20.11	/	/	19.10	/	/	<=33	Pass
DFT-s-OFDM 64 QAM	2507.5	Edge 1RB Left	18.60	/	/	17.59	/	/	<=33	Pass
		Edge 1RB Right	18.90	/	/	17.89	/	/	<=33	Pass
		Outer Full	18.41	/	/	17.40	/	/	<=33	Pass

		Inner Full	18.04	/	/	17.03	/	/	<=33	Pass
		Inner 1RB Left	18.56	/	/	17.55	/	/	<=33	Pass
		Inner 1RB Right	18.73	/	/	17.72	/	/	<=33	Pass
	2535	Edge 1RB Left	18.45	/	/	17.44	/	/	<=33	Pass
		Edge 1RB Right	19.36	/	/	18.35	/	/	<=33	Pass
		Outer Full	18.23	/	/	17.22	/	/	<=33	Pass
		Inner Full	18.26	/	/	17.25	/	/	<=33	Pass
		Inner 1RB Left	18.25	/	/	17.24	/	/	<=33	Pass
		Inner 1RB Right	19.48	/	/	18.47	/	/	<=33	Pass
		Edge 1RB Left	18.84	/	/	17.83	/	/	<=33	Pass
	2562.5	Edge 1RB Right	18.44	/	/	17.43	/	/	<=33	Pass
		Outer Full	18.32	/	/	17.31	/	/	<=33	Pass
		Inner Full	17.70	/	/	16.69	/	/	<=33	Pass
		Inner 1RB Left	18.60	/	/	17.59	/	/	<=33	Pass
		Inner 1RB Right	18.64	/	/	17.63	/	/	<=33	Pass
DFT-s-OFDM 256 QAM	2507.5	Edge 1RB Left	17.05	/	/	16.04	/	/	<=33	Pass
		Edge 1RB Right	17.86	/	/	16.85	/	/	<=33	Pass
		Outer Full	16.78	/	/	15.77	/	/	<=33	Pass
		Inner Full	16.82	/	/	15.81	/	/	<=33	Pass
		Inner 1RB Left	17.23	/	/	16.22	/	/	<=33	Pass
		Inner 1RB Right	17.52	/	/	16.51	/	/	<=33	Pass
		Edge 1RB Left	16.92	/	/	15.91	/	/	<=33	Pass
	2535	Edge 1RB Right	17.78	/	/	16.77	/	/	<=33	Pass
		Outer Full	16.94	/	/	15.93	/	/	<=33	Pass
		Inner Full	16.44	/	/	15.43	/	/	<=33	Pass
		Inner 1RB Left	16.83	/	/	15.82	/	/	<=33	Pass
		Inner 1RB Right	17.54	/	/	16.53	/	/	<=33	Pass
	2562.5	Edge 1RB Left	17.37	/	/	16.36	/	/	<=33	Pass
		Edge 1RB Right	16.91	/	/	15.90	/	/	<=33	Pass
		Outer Full	16.72	/	/	15.71	/	/	<=33	Pass
		Inner Full	17.23	/	/	16.22	/	/	<=33	Pass
		Inner 1RB Left	17.24	/	/	16.23	/	/	<=33	Pass
		Inner 1RB Right	17.15	/	/	16.14	/	/	<=33	Pass
CP-OFDM QPSK	2507.5	Edge 1RB Left	18.41	/	/	17.40	/	/	<=33	Pass
		Edge 1RB Right	19.16	/	/	18.15	/	/	<=33	Pass
		Outer Full	18.40	/	/	17.39	/	/	<=33	Pass
		Inner Full	18.75	/	/	17.74	/	/	<=33	Pass
		Inner 1RB Left	19.34	/	/	18.33	/	/	<=33	Pass
		Inner 1RB Right	19.29	/	/	18.28	/	/	<=33	Pass
	2535	Edge 1RB Left	18.18	/	/	17.17	/	/	<=33	Pass
		Edge 1RB Right	19.37	/	/	18.36	/	/	<=33	Pass
		Outer Full	18.55	/	/	17.54	/	/	<=33	Pass
		Inner Full	18.74	/	/	17.73	/	/	<=33	Pass
		Inner 1RB Left	19.15	/	/	18.14	/	/	<=33	Pass
	2562.5	Inner 1RB Right	19.62	/	/	18.61	/	/	<=33	Pass
		Edge 1RB Left	18.80	/	/	17.79	/	/	<=33	Pass
		Edge 1RB Right	18.33	/	/	17.32	/	/	<=33	Pass
		Outer Full	18.67	/	/	17.66	/	/	<=33	Pass
		Inner Full	18.16	/	/	17.15	/	/	<=33	Pass
CP-OFDM 16 QAM	2507.5	Inner 1RB Left	19.33	/	/	18.32	/	/	<=33	Pass
		Inner 1RB Right	19.18	/	/	18.17	/	/	<=33	Pass
		Edge 1RB Left	18.15	/	/	17.14	/	/	<=33	Pass
		Edge 1RB Right	18.39	/	/	17.38	/	/	<=33	Pass
		Outer Full	17.83	/	/	16.82	/	/	<=33	Pass
		Inner Full	17.98	/	/	16.97	/	/	<=33	Pass
	2535	Inner 1RB Left	18.50	/	/	17.49	/	/	<=33	Pass
		Inner 1RB Right	18.58	/	/	17.57	/	/	<=33	Pass
	2535	Edge 1RB Left	18.05	/	/	17.04	/	/	<=33	Pass
		Edge 1RB Right	18.89	/	/	17.88	/	/	<=33	Pass

		Outer_Full	17.81	/	/	16.80	/	/	<=33	Pass
		Inner_Full	18.11	/	/	17.10	/	/	<=33	Pass
		Inner_1RB_Left	18.74	/	/	17.73	/	/	<=33	Pass
		Inner_1RB_Right	19.25	/	/	18.24	/	/	<=33	Pass
	2562.5	Edge_1RB_Left	19.14	/	/	18.13	/	/	<=33	Pass
		Edge_1RB_Right	18.39	/	/	17.38	/	/	<=33	Pass
		Outer_Full	17.41	/	/	16.40	/	/	<=33	Pass
		Inner_Full	18.04	/	/	17.03	/	/	<=33	Pass
		Inner_1RB_Left	19.14	/	/	18.13	/	/	<=33	Pass
		Inner_1RB_Right	18.89	/	/	17.88	/	/	<=33	Pass
CP-OFDM 64 QAM	2507.5	Edge_1RB_Left	17.84	/	/	16.83	/	/	<=33	Pass
		Edge_1RB_Right	18.20	/	/	17.19	/	/	<=33	Pass
		Outer_Full	17.70	/	/	16.69	/	/	<=33	Pass
		Inner_Full	18.06	/	/	17.05	/	/	<=33	Pass
		Inner_1RB_Left	18.63	/	/	17.62	/	/	<=33	Pass
		Inner_1RB_Right	18.74	/	/	17.73	/	/	<=33	Pass
	2535	Edge_1RB_Left	17.75	/	/	16.74	/	/	<=33	Pass
		Edge_1RB_Right	18.59	/	/	17.58	/	/	<=33	Pass
		Outer_Full	17.37	/	/	16.36	/	/	<=33	Pass
		Inner_Full	18.27	/	/	17.26	/	/	<=33	Pass
		Inner_1RB_Left	18.52	/	/	17.51	/	/	<=33	Pass
		Inner_1RB_Right	19.27	/	/	18.26	/	/	<=33	Pass
	2562.5	Edge_1RB_Left	18.15	/	/	17.14	/	/	<=33	Pass
		Edge_1RB_Right	17.65	/	/	16.64	/	/	<=33	Pass
		Outer_Full	17.37	/	/	16.36	/	/	<=33	Pass
		Inner_Full	17.75	/	/	16.74	/	/	<=33	Pass
		Inner_1RB_Left	18.88	/	/	17.87	/	/	<=33	Pass
		Inner_1RB_Right	18.79	/	/	17.78	/	/	<=33	Pass
CP-OFDM 256 QAM	2507.5	Edge_1RB_Left	15.11	/	/	14.10	/	/	<=33	Pass
		Edge_1RB_Right	15.54	/	/	14.53	/	/	<=33	Pass
		Outer_Full	14.93	/	/	13.92	/	/	<=33	Pass
		Inner_Full	14.85	/	/	13.84	/	/	<=33	Pass
		Inner_1RB_Left	15.11	/	/	14.10	/	/	<=33	Pass
		Inner_1RB_Right	15.35	/	/	14.34	/	/	<=33	Pass
	2535	Edge_1RB_Left	15.07	/	/	14.06	/	/	<=33	Pass
		Edge_1RB_Right	15.87	/	/	14.86	/	/	<=33	Pass
		Outer_Full	15.03	/	/	14.02	/	/	<=33	Pass
		Inner_Full	14.59	/	/	13.58	/	/	<=33	Pass
		Inner_1RB_Left	15.01	/	/	14.00	/	/	<=33	Pass
		Inner_1RB_Right	15.65	/	/	14.64	/	/	<=33	Pass
	2562.5	Edge_1RB_Left	15.66	/	/	14.65	/	/	<=33	Pass
		Edge_1RB_Right	15.59	/	/	14.58	/	/	<=33	Pass
		Outer_Full	14.89	/	/	13.88	/	/	<=33	Pass
Inner_Full		14.94	/	/	13.93	/	/	<=33	Pass	
Inner_1RB_Left		16.00	/	/	14.99	/	/	<=33	Pass	
		Inner_1RB_Right	15.69	/	/	14.68	/	/	<=33	Pass
Note1: Antenna Gain: Ant1: -1.01dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.9 30k_SISO_20MHz_NTNV_EIRP

5G NR n7 SCS=30kHz SISO 20MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	2510	Edge_1RB_Left	20.79	/	/	19.78	/	/	<=33	Pass
		Edge_1RB_Right	21.32	/	/	20.31	/	/	<=33	Pass
		Outer_Full	20.72	/	/	19.71	/	/	<=33	Pass
		Inner_Full	20.27	/	/	19.26	/	/	<=33	Pass

		Inner 1RB Left	21.51	/	/	20.50	/	/	<=33	Pass
		Inner 1RB Right	20.98	/	/	19.97	/	/	<=33	Pass
	2535	Edge 1RB Left	20.16	/	/	19.15	/	/	<=33	Pass
		Edge 1RB Right	20.97	/	/	19.96	/	/	<=33	Pass
		Outer Full	20.13	/	/	19.12	/	/	<=33	Pass
		Inner Full	20.03	/	/	19.02	/	/	<=33	Pass
		Inner 1RB Left	20.47	/	/	19.46	/	/	<=33	Pass
		Inner 1RB Right	21.26	/	/	20.25	/	/	<=33	Pass
	2560	Edge 1RB Left	21.07	/	/	20.06	/	/	<=33	Pass
		Edge 1RB Right	19.32	/	/	18.31	/	/	<=33	Pass
		Outer Full	20.70	/	/	19.69	/	/	<=33	Pass
		Inner Full	20.14	/	/	19.13	/	/	<=33	Pass
		Inner 1RB Left	22.08	/	/	21.07	/	/	<=33	Pass
		Inner 1RB Right	20.62	/	/	19.61	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	2510	Edge 1RB Left	19.61	/	/	18.60	/	/	<=33	Pass
		Edge 1RB Right	19.72	/	/	18.71	/	/	<=33	Pass
		Outer Full	19.13	/	/	18.12	/	/	<=33	Pass
		Inner Full	19.13	/	/	18.12	/	/	<=33	Pass
		Inner 1RB Left	20.22	/	/	19.21	/	/	<=33	Pass
		Inner 1RB Right	19.99	/	/	18.98	/	/	<=33	Pass
	2535	Edge 1RB Left	19.29	/	/	18.28	/	/	<=33	Pass
		Edge 1RB Right	20.32	/	/	19.31	/	/	<=33	Pass
		Outer Full	18.91	/	/	17.90	/	/	<=33	Pass
		Inner Full	19.07	/	/	18.06	/	/	<=33	Pass
		Inner 1RB Left	19.70	/	/	18.69	/	/	<=33	Pass
		Inner 1RB Right	20.61	/	/	19.60	/	/	<=33	Pass
	2560	Edge 1RB Left	20.85	/	/	19.84	/	/	<=33	Pass
		Edge 1RB Right	18.88	/	/	17.87	/	/	<=33	Pass
		Outer Full	19.04	/	/	18.03	/	/	<=33	Pass
		Inner Full	19.27	/	/	18.26	/	/	<=33	Pass
		Inner 1RB Left	21.01	/	/	20.00	/	/	<=33	Pass
		Inner 1RB Right	19.65	/	/	18.64	/	/	<=33	Pass
DFT-s-OFDM 64 QAM	2510	Edge 1RB Left	19.18	/	/	18.17	/	/	<=33	Pass
		Edge 1RB Right	19.37	/	/	18.36	/	/	<=33	Pass
		Outer Full	18.97	/	/	17.96	/	/	<=33	Pass
		Inner Full	18.27	/	/	17.26	/	/	<=33	Pass
		Inner 1RB Left	19.21	/	/	18.20	/	/	<=33	Pass
		Inner 1RB Right	19.21	/	/	18.20	/	/	<=33	Pass
	2535	Edge 1RB Left	18.74	/	/	17.73	/	/	<=33	Pass
		Edge 1RB Right	19.80	/	/	18.79	/	/	<=33	Pass
		Outer Full	18.46	/	/	17.45	/	/	<=33	Pass
		Inner Full	18.09	/	/	17.08	/	/	<=33	Pass
		Inner 1RB Left	18.72	/	/	17.71	/	/	<=33	Pass
		Inner 1RB Right	19.67	/	/	18.66	/	/	<=33	Pass
	2560	Edge 1RB Left	19.78	/	/	18.77	/	/	<=33	Pass
		Edge 1RB Right	17.93	/	/	16.92	/	/	<=33	Pass
		Outer Full	18.67	/	/	17.66	/	/	<=33	Pass
		Inner Full	18.06	/	/	17.05	/	/	<=33	Pass
		Inner 1RB Left	19.66	/	/	18.65	/	/	<=33	Pass
		Inner 1RB Right	18.30	/	/	17.29	/	/	<=33	Pass
DFT-s-OFDM 256 QAM	2510	Edge 1RB Left	17.53	/	/	16.52	/	/	<=33	Pass
		Edge 1RB Right	17.76	/	/	16.75	/	/	<=33	Pass
		Outer Full	17.10	/	/	16.09	/	/	<=33	Pass
		Inner Full	16.82	/	/	15.81	/	/	<=33	Pass
		Inner 1RB Left	17.57	/	/	16.56	/	/	<=33	Pass
		Inner 1RB Right	17.59	/	/	16.58	/	/	<=33	Pass
	2535	Edge 1RB Left	17.17	/	/	16.16	/	/	<=33	Pass
		Edge 1RB Right	18.24	/	/	17.23	/	/	<=33	Pass
		Outer Full	17.02	/	/	16.01	/	/	<=33	Pass

		Inner Full	16.54	/	/	15.53	/	/	<=33	Pass
		Inner 1RB Left	17.12	/	/	16.11	/	/	<=33	Pass
		Inner 1RB Right	18.07	/	/	17.06	/	/	<=33	Pass
	2560	Edge 1RB Left	18.26	/	/	17.25	/	/	<=33	Pass
		Edge 1RB Right	16.44	/	/	15.43	/	/	<=33	Pass
		Outer Full	17.21	/	/	16.20	/	/	<=33	Pass
		Inner Full	17.17	/	/	16.16	/	/	<=33	Pass
		Inner 1RB Left	18.80	/	/	17.79	/	/	<=33	Pass
		Inner 1RB Right	17.30	/	/	16.29	/	/	<=33	Pass
CP-OFDM QPSK	2510	Edge 1RB Left	18.88	/	/	17.87	/	/	<=33	Pass
		Edge 1RB Right	18.98	/	/	17.97	/	/	<=33	Pass
		Outer Full	18.54	/	/	17.53	/	/	<=33	Pass
		Inner Full	19.13	/	/	18.12	/	/	<=33	Pass
		Inner 1RB Left	19.49	/	/	18.48	/	/	<=33	Pass
		Inner 1RB Right	19.94	/	/	18.93	/	/	<=33	Pass
	2535	Edge 1RB Left	18.52	/	/	17.51	/	/	<=33	Pass
		Edge 1RB Right	19.54	/	/	18.53	/	/	<=33	Pass
		Outer Full	18.37	/	/	17.36	/	/	<=33	Pass
		Inner Full	18.66	/	/	17.65	/	/	<=33	Pass
		Inner 1RB Left	19.25	/	/	18.24	/	/	<=33	Pass
		Inner 1RB Right	20.01	/	/	19.00	/	/	<=33	Pass
	2560	Edge 1RB Left	19.45	/	/	18.44	/	/	<=33	Pass
		Edge 1RB Right	17.69	/	/	16.68	/	/	<=33	Pass
		Outer Full	18.82	/	/	17.81	/	/	<=33	Pass
		Inner Full	18.39	/	/	17.38	/	/	<=33	Pass
		Inner 1RB Left	20.04	/	/	19.03	/	/	<=33	Pass
		Inner 1RB Right	18.87	/	/	17.86	/	/	<=33	Pass
CP-OFDM 16 QAM	2510	Edge 1RB Left	18.44	/	/	17.43	/	/	<=33	Pass
		Edge 1RB Right	18.72	/	/	17.71	/	/	<=33	Pass
		Outer Full	18.21	/	/	17.20	/	/	<=33	Pass
		Inner Full	18.19	/	/	17.18	/	/	<=33	Pass
		Inner 1RB Left	19.09	/	/	18.08	/	/	<=33	Pass
		Inner 1RB Right	19.11	/	/	18.10	/	/	<=33	Pass
	2535	Edge 1RB Left	18.24	/	/	17.23	/	/	<=33	Pass
		Edge 1RB Right	19.17	/	/	18.16	/	/	<=33	Pass
		Outer Full	18.26	/	/	17.25	/	/	<=33	Pass
		Inner Full	18.02	/	/	17.01	/	/	<=33	Pass
		Inner 1RB Left	18.65	/	/	17.64	/	/	<=33	Pass
		Inner 1RB Right	19.51	/	/	18.50	/	/	<=33	Pass
	2560	Edge 1RB Left	19.68	/	/	18.67	/	/	<=33	Pass
		Edge 1RB Right	17.75	/	/	16.74	/	/	<=33	Pass
		Outer Full	17.78	/	/	16.77	/	/	<=33	Pass
		Inner Full	18.24	/	/	17.23	/	/	<=33	Pass
		Inner 1RB Left	19.85	/	/	18.84	/	/	<=33	Pass
		Inner 1RB Right	18.58	/	/	17.57	/	/	<=33	Pass
CP-OFDM 64 QAM	2510	Edge 1RB Left	18.21	/	/	17.20	/	/	<=33	Pass
		Edge 1RB Right	19.00	/	/	17.99	/	/	<=33	Pass
		Outer Full	17.57	/	/	16.56	/	/	<=33	Pass
		Inner Full	18.41	/	/	17.40	/	/	<=33	Pass
		Inner 1RB Left	19.46	/	/	18.45	/	/	<=33	Pass
		Inner 1RB Right	19.56	/	/	18.55	/	/	<=33	Pass
	2535	Edge 1RB Left	18.38	/	/	17.37	/	/	<=33	Pass
		Edge 1RB Right	19.21	/	/	18.20	/	/	<=33	Pass
		Outer Full	17.51	/	/	16.50	/	/	<=33	Pass
		Inner Full	18.20	/	/	17.19	/	/	<=33	Pass
		Inner 1RB Left	19.14	/	/	18.13	/	/	<=33	Pass
		Inner 1RB Right	19.90	/	/	18.89	/	/	<=33	Pass
	2560	Edge 1RB Left	18.86	/	/	17.85	/	/	<=33	Pass
		Edge 1RB Right	17.22	/	/	16.21	/	/	<=33	Pass

CP-OFDM 256 QAM		Outer_Full	17.69	/	/	16.68	/	/	<=33	Pass	
		Inner_Full	17.99	/	/	16.98	/	/	<=33	Pass	
		Inner_1RB_Left	19.64	/	/	18.63	/	/	<=33	Pass	
		Inner_1RB_Right	18.48	/	/	17.47	/	/	<=33	Pass	
	2510	Edge_1RB_Left	15.68	/	/	14.67	/	/	<=33	Pass	
		Edge_1RB_Right	16.07	/	/	15.06	/	/	<=33	Pass	
		Outer_Full	15.39	/	/	14.38	/	/	<=33	Pass	
		Inner_Full	14.94	/	/	13.93	/	/	<=33	Pass	
		Inner_1RB_Left	15.72	/	/	14.71	/	/	<=33	Pass	
		Inner_1RB_Right	15.95	/	/	14.94	/	/	<=33	Pass	
		2535	Edge_1RB_Left	15.26	/	/	14.25	/	/	<=33	Pass
			Edge_1RB_Right	16.69	/	/	15.68	/	/	<=33	Pass
			Outer_Full	15.20	/	/	14.19	/	/	<=33	Pass
			Inner_Full	14.85	/	/	13.84	/	/	<=33	Pass
			Inner_1RB_Left	15.65	/	/	14.64	/	/	<=33	Pass
			Inner_1RB_Right	16.48	/	/	15.47	/	/	<=33	Pass
	2560	Edge_1RB_Left	16.38	/	/	15.37	/	/	<=33	Pass	
		Edge_1RB_Right	14.54	/	/	13.53	/	/	<=33	Pass	
		Outer_Full	15.24	/	/	14.23	/	/	<=33	Pass	
		Inner_Full	15.37	/	/	14.36	/	/	<=33	Pass	
		Inner_1RB_Left	16.34	/	/	15.33	/	/	<=33	Pass	
		Inner_1RB_Right	15.56	/	/	14.55	/	/	<=33	Pass	
Note1: Antenna Gain: Ant1: -1.01dBi; Note2: EIRP=Conducted Power+Antenna Gain											

1.1.10 30k_SISO_25MHz_NTNV_EIRP

5G NR n7 SCS=30kHz SISO 25MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	2512.5	Edge 1RB Left	19.74	/	/	18.73	/	/	<=33	Pass
		Edge 1RB Right	19.46	/	/	18.45	/	/	<=33	Pass
		Outer Full	20.67	/	/	19.66	/	/	<=33	Pass
		Inner Full	20.37	/	/	19.36	/	/	<=33	Pass
		Inner 1RB Left	20.49	/	/	19.48	/	/	<=33	Pass
		Inner 1RB Right	20.30	/	/	19.29	/	/	<=33	Pass
	2535	Edge 1RB Left	19.28	/	/	18.27	/	/	<=33	Pass
		Edge 1RB Right	20.04	/	/	19.03	/	/	<=33	Pass
		Outer Full	20.23	/	/	19.22	/	/	<=33	Pass
		Inner Full	20.22	/	/	19.21	/	/	<=33	Pass
		Inner 1RB Left	19.92	/	/	18.91	/	/	<=33	Pass
		Inner 1RB Right	20.54	/	/	19.53	/	/	<=33	Pass
	2557.5	Edge 1RB Left	20.33	/	/	19.32	/	/	<=33	Pass
		Edge 1RB Right	19.65	/	/	18.64	/	/	<=33	Pass
		Outer Full	19.99	/	/	18.98	/	/	<=33	Pass
		Inner Full	19.76	/	/	18.75	/	/	<=33	Pass
		Inner 1RB Left	21.59	/	/	20.58	/	/	<=33	Pass
		Inner 1RB Right	20.53	/	/	19.52	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	2512.5	Edge 1RB Left	18.66	/	/	17.65	/	/	<=33	Pass
		Edge 1RB Right	18.66	/	/	17.65	/	/	<=33	Pass
		Outer Full	19.26	/	/	18.25	/	/	<=33	Pass
		Inner Full	19.20	/	/	18.19	/	/	<=33	Pass
		Inner 1RB Left	19.55	/	/	18.54	/	/	<=33	Pass
		Inner 1RB Right	19.18	/	/	18.17	/	/	<=33	Pass
	2535	Edge 1RB Left	18.25	/	/	17.24	/	/	<=33	Pass
		Edge 1RB Right	19.23	/	/	18.22	/	/	<=33	Pass
		Outer Full	19.10	/	/	18.09	/	/	<=33	Pass
		Inner Full	19.28	/	/	18.27	/	/	<=33	Pass

		Inner 1RB Left	19.05	/	/	18.04	/	/	<=33	Pass
		Inner 1RB Right	19.69	/	/	18.68	/	/	<=33	Pass
	2557.5	Edge 1RB Left	19.21	/	/	18.20	/	/	<=33	Pass
		Edge 1RB Right	18.63	/	/	17.62	/	/	<=33	Pass
		Outer Full	18.85	/	/	17.84	/	/	<=33	Pass
		Inner Full	19.51	/	/	18.50	/	/	<=33	Pass
		Inner 1RB Left	19.95	/	/	18.94	/	/	<=33	Pass
		Inner 1RB Right	19.75	/	/	18.74	/	/	<=33	Pass
DFT-s-OFDM 64 QAM	2512.5	Edge 1RB Left	18.20	/	/	17.19	/	/	<=33	Pass
		Edge 1RB Right	18.39	/	/	17.38	/	/	<=33	Pass
		Outer Full	18.40	/	/	17.39	/	/	<=33	Pass
		Inner Full	18.27	/	/	17.26	/	/	<=33	Pass
		Inner 1RB Left	18.57	/	/	17.56	/	/	<=33	Pass
		Inner 1RB Right	18.31	/	/	17.30	/	/	<=33	Pass
	2535	Edge 1RB Left	17.67	/	/	16.66	/	/	<=33	Pass
		Edge 1RB Right	18.59	/	/	17.58	/	/	<=33	Pass
		Outer Full	18.57	/	/	17.56	/	/	<=33	Pass
		Inner Full	18.02	/	/	17.01	/	/	<=33	Pass
		Inner 1RB Left	18.01	/	/	17.00	/	/	<=33	Pass
		Inner 1RB Right	18.75	/	/	17.74	/	/	<=33	Pass
	2557.5	Edge 1RB Left	18.77	/	/	17.76	/	/	<=33	Pass
		Edge 1RB Right	18.18	/	/	17.17	/	/	<=33	Pass
		Outer Full	18.80	/	/	17.79	/	/	<=33	Pass
		Inner Full	18.04	/	/	17.03	/	/	<=33	Pass
		Inner 1RB Left	19.07	/	/	18.06	/	/	<=33	Pass
		Inner 1RB Right	18.19	/	/	17.18	/	/	<=33	Pass
DFT-s-OFDM 256 QAM	2512.5	Edge 1RB Left	16.42	/	/	15.41	/	/	<=33	Pass
		Edge 1RB Right	16.61	/	/	15.60	/	/	<=33	Pass
		Outer Full	17.13	/	/	16.12	/	/	<=33	Pass
		Inner Full	16.72	/	/	15.71	/	/	<=33	Pass
		Inner 1RB Left	16.88	/	/	15.87	/	/	<=33	Pass
		Inner 1RB Right	16.70	/	/	15.69	/	/	<=33	Pass
	2535	Edge 1RB Left	16.20	/	/	15.19	/	/	<=33	Pass
		Edge 1RB Right	17.17	/	/	16.16	/	/	<=33	Pass
		Outer Full	17.01	/	/	16.00	/	/	<=33	Pass
		Inner Full	16.68	/	/	15.67	/	/	<=33	Pass
		Inner 1RB Left	16.55	/	/	15.54	/	/	<=33	Pass
		Inner 1RB Right	17.31	/	/	16.30	/	/	<=33	Pass
	2557.5	Edge 1RB Left	17.40	/	/	16.39	/	/	<=33	Pass
		Edge 1RB Right	16.83	/	/	15.82	/	/	<=33	Pass
		Outer Full	17.24	/	/	16.23	/	/	<=33	Pass
		Inner Full	17.59	/	/	16.58	/	/	<=33	Pass
		Inner 1RB Left	17.71	/	/	16.70	/	/	<=33	Pass
		Inner 1RB Right	16.91	/	/	15.90	/	/	<=33	Pass
CP-OFDM QPSK	2512.5	Edge 1RB Left	17.91	/	/	16.90	/	/	<=33	Pass
		Edge 1RB Right	17.90	/	/	16.89	/	/	<=33	Pass
		Outer Full	18.39	/	/	17.38	/	/	<=33	Pass
		Inner Full	19.41	/	/	18.40	/	/	<=33	Pass
		Inner 1RB Left	18.93	/	/	17.92	/	/	<=33	Pass
		Inner 1RB Right	18.53	/	/	17.52	/	/	<=33	Pass
	2535	Edge 1RB Left	17.45	/	/	16.44	/	/	<=33	Pass
		Edge 1RB Right	18.48	/	/	17.47	/	/	<=33	Pass
		Outer Full	18.45	/	/	17.44	/	/	<=33	Pass
		Inner Full	19.07	/	/	18.06	/	/	<=33	Pass
		Inner 1RB Left	18.59	/	/	17.58	/	/	<=33	Pass
		Inner 1RB Right	19.61	/	/	18.60	/	/	<=33	Pass
	2557.5	Edge 1RB Left	18.60	/	/	17.59	/	/	<=33	Pass
		Edge 1RB Right	18.03	/	/	17.02	/	/	<=33	Pass
		Outer Full	18.94	/	/	17.93	/	/	<=33	Pass

		Inner_Full	18.48	/	/	17.47	/	/	<=33	Pass
		Inner_1RB_Left	19.62	/	/	18.61	/	/	<=33	Pass
		Inner_1RB_Right	18.76	/	/	17.75	/	/	<=33	Pass
CP-OFDM 16 QAM	2512.5	Edge_1RB_Left	17.52	/	/	16.51	/	/	<=33	Pass
		Edge_1RB_Right	17.75	/	/	16.74	/	/	<=33	Pass
		Outer_Full	18.36	/	/	17.35	/	/	<=33	Pass
		Inner_Full	18.16	/	/	17.15	/	/	<=33	Pass
		Inner_1RB_Left	18.40	/	/	17.39	/	/	<=33	Pass
		Inner_1RB_Right	18.24	/	/	17.23	/	/	<=33	Pass
		Edge_1RB_Left	17.30	/	/	16.29	/	/	<=33	Pass
	2535	Edge_1RB_Right	18.18	/	/	17.17	/	/	<=33	Pass
		Outer_Full	18.25	/	/	17.24	/	/	<=33	Pass
		Inner_Full	18.46	/	/	17.45	/	/	<=33	Pass
		Inner_1RB_Left	18.10	/	/	17.09	/	/	<=33	Pass
		Inner_1RB_Right	18.74	/	/	17.73	/	/	<=33	Pass
	2557.5	Edge_1RB_Left	18.63	/	/	17.62	/	/	<=33	Pass
		Edge_1RB_Right	17.97	/	/	16.96	/	/	<=33	Pass
		Outer_Full	17.91	/	/	16.90	/	/	<=33	Pass
		Inner_Full	18.23	/	/	17.22	/	/	<=33	Pass
		Inner_1RB_Left	19.21	/	/	18.20	/	/	<=33	Pass
		Inner_1RB_Right	18.39	/	/	17.38	/	/	<=33	Pass
CP-OFDM 64 QAM	2512.5	Edge_1RB_Left	17.13	/	/	16.12	/	/	<=33	Pass
		Edge_1RB_Right	17.22	/	/	16.21	/	/	<=33	Pass
		Outer_Full	17.59	/	/	16.58	/	/	<=33	Pass
		Inner_Full	18.15	/	/	17.14	/	/	<=33	Pass
		Inner_1RB_Left	18.49	/	/	17.48	/	/	<=33	Pass
		Inner_1RB_Right	18.24	/	/	17.23	/	/	<=33	Pass
	2535	Edge_1RB_Left	16.99	/	/	15.98	/	/	<=33	Pass
		Edge_1RB_Right	17.89	/	/	16.88	/	/	<=33	Pass
		Outer_Full	17.79	/	/	16.78	/	/	<=33	Pass
		Inner_Full	18.21	/	/	17.20	/	/	<=33	Pass
		Inner_1RB_Left	18.18	/	/	17.17	/	/	<=33	Pass
	2557.5	Inner_1RB_Right	18.91	/	/	17.90	/	/	<=33	Pass
		Edge_1RB_Left	18.53	/	/	17.52	/	/	<=33	Pass
		Edge_1RB_Right	17.88	/	/	16.87	/	/	<=33	Pass
		Outer_Full	17.78	/	/	16.77	/	/	<=33	Pass
		Inner_Full	18.42	/	/	17.41	/	/	<=33	Pass
		Inner_1RB_Left	19.52	/	/	18.51	/	/	<=33	Pass
		Inner_1RB_Right	18.68	/	/	17.67	/	/	<=33	Pass
CP-OFDM 256 QAM	2512.5	Edge_1RB_Left	14.55	/	/	13.54	/	/	<=33	Pass
		Edge_1RB_Right	14.94	/	/	13.93	/	/	<=33	Pass
		Outer_Full	15.55	/	/	14.54	/	/	<=33	Pass
		Inner_Full	14.99	/	/	13.98	/	/	<=33	Pass
		Inner_1RB_Left	15.02	/	/	14.01	/	/	<=33	Pass
		Inner_1RB_Right	15.02	/	/	14.01	/	/	<=33	Pass
	2535	Edge_1RB_Left	14.32	/	/	13.31	/	/	<=33	Pass
		Edge_1RB_Right	15.32	/	/	14.31	/	/	<=33	Pass
		Outer_Full	15.37	/	/	14.36	/	/	<=33	Pass
		Inner_Full	14.80	/	/	13.79	/	/	<=33	Pass
		Inner_1RB_Left	14.68	/	/	13.67	/	/	<=33	Pass
	2557.5	Inner_1RB_Right	15.57	/	/	14.56	/	/	<=33	Pass
		Edge_1RB_Left	15.43	/	/	14.42	/	/	<=33	Pass
		Edge_1RB_Right	14.91	/	/	13.90	/	/	<=33	Pass
Outer_Full		15.37	/	/	14.36	/	/	<=33	Pass	
Inner_Full		14.91	/	/	13.90	/	/	<=33	Pass	
	Inner_1RB_Left	15.78	/	/	14.77	/	/	<=33	Pass	
	Inner_1RB_Right	14.99	/	/	13.98	/	/	<=33	Pass	
Note1: Antenna Gain: Ant1: -1.01dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.11 30k_SISO_30MHz_NTNV_EIRP

5G NR n7 SCS=30kHz SISO 30MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	2515	Edge 1RB Left	21.22	/	/	20.21	/	/	<=33	Pass
		Edge 1RB Right	20.57	/	/	19.56	/	/	<=33	Pass
		Outer Full	20.09	/	/	19.08	/	/	<=33	Pass
		Inner Full	20.08	/	/	19.07	/	/	<=33	Pass
		Inner 1RB Left	21.22	/	/	20.21	/	/	<=33	Pass
		Inner 1RB Right	20.91	/	/	19.90	/	/	<=33	Pass
	2535	Edge 1RB Left	20.17	/	/	19.16	/	/	<=33	Pass
		Edge 1RB Right	20.47	/	/	19.46	/	/	<=33	Pass
		Outer Full	19.89	/	/	18.88	/	/	<=33	Pass
		Inner Full	20.42	/	/	19.41	/	/	<=33	Pass
		Inner 1RB Left	20.40	/	/	19.39	/	/	<=33	Pass
		Inner 1RB Right	20.92	/	/	19.91	/	/	<=33	Pass
	2555	Edge 1RB Left	21.53	/	/	20.52	/	/	<=33	Pass
		Edge 1RB Right	19.95	/	/	18.94	/	/	<=33	Pass
		Outer Full	20.78	/	/	19.77	/	/	<=33	Pass
		Inner Full	19.83	/	/	18.82	/	/	<=33	Pass
		Inner 1RB Left	21.91	/	/	20.90	/	/	<=33	Pass
		Inner 1RB Right	20.86	/	/	19.85	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	2515	Edge 1RB Left	20.19	/	/	19.18	/	/	<=33	Pass
		Edge 1RB Right	19.99	/	/	18.98	/	/	<=33	Pass
		Outer Full	18.91	/	/	17.90	/	/	<=33	Pass
		Inner Full	19.37	/	/	18.36	/	/	<=33	Pass
		Inner 1RB Left	20.50	/	/	19.49	/	/	<=33	Pass
		Inner 1RB Right	20.35	/	/	19.34	/	/	<=33	Pass
	2535	Edge 1RB Left	19.96	/	/	18.95	/	/	<=33	Pass
		Edge 1RB Right	20.26	/	/	19.25	/	/	<=33	Pass
		Outer Full	19.21	/	/	18.20	/	/	<=33	Pass
		Inner Full	19.16	/	/	18.15	/	/	<=33	Pass
		Inner 1RB Left	19.96	/	/	18.95	/	/	<=33	Pass
		Inner 1RB Right	20.56	/	/	19.55	/	/	<=33	Pass
	2555	Edge 1RB Left	21.01	/	/	20.00	/	/	<=33	Pass
		Edge 1RB Right	19.53	/	/	18.52	/	/	<=33	Pass
		Outer Full	18.82	/	/	17.81	/	/	<=33	Pass
		Inner Full	19.60	/	/	18.59	/	/	<=33	Pass
		Inner 1RB Left	21.23	/	/	20.22	/	/	<=33	Pass
		Inner 1RB Right	20.24	/	/	19.23	/	/	<=33	Pass
DFT-s-OFDM 64 QAM	2515	Edge 1RB Left	19.38	/	/	18.37	/	/	<=33	Pass
		Edge 1RB Right	19.22	/	/	18.21	/	/	<=33	Pass
		Outer Full	18.52	/	/	17.51	/	/	<=33	Pass
		Inner Full	18.26	/	/	17.25	/	/	<=33	Pass
		Inner 1RB Left	19.27	/	/	18.26	/	/	<=33	Pass
		Inner 1RB Right	19.36	/	/	18.35	/	/	<=33	Pass
	2535	Edge 1RB Left	19.02	/	/	18.01	/	/	<=33	Pass
		Edge 1RB Right	19.42	/	/	18.41	/	/	<=33	Pass
		Outer Full	18.37	/	/	17.36	/	/	<=33	Pass
		Inner Full	17.93	/	/	16.92	/	/	<=33	Pass
		Inner 1RB Left	18.72	/	/	17.71	/	/	<=33	Pass
		Inner 1RB Right	19.41	/	/	18.40	/	/	<=33	Pass
	2555	Edge 1RB Left	20.08	/	/	19.07	/	/	<=33	Pass
		Edge 1RB Right	18.48	/	/	17.47	/	/	<=33	Pass
		Outer Full	18.84	/	/	17.83	/	/	<=33	Pass
		Inner Full	18.44	/	/	17.43	/	/	<=33	Pass

DFT-s-OFDM 256 QAM		Inner 1RB Left	19.96	/	/	18.95	/	/	<=33	Pass
		Inner 1RB Right	19.03	/	/	18.02	/	/	<=33	Pass
	2515	Edge 1RB Left	18.14	/	/	17.13	/	/	<=33	Pass
		Edge 1RB Right	18.09	/	/	17.08	/	/	<=33	Pass
		Outer Full	17.11	/	/	16.10	/	/	<=33	Pass
		Inner Full	17.06	/	/	16.05	/	/	<=33	Pass
		Inner 1RB Left	17.97	/	/	16.96	/	/	<=33	Pass
		Inner 1RB Right	18.03	/	/	17.02	/	/	<=33	Pass
	2535	Edge 1RB Left	17.51	/	/	16.50	/	/	<=33	Pass
		Edge 1RB Right	17.96	/	/	16.95	/	/	<=33	Pass
		Outer Full	16.83	/	/	15.82	/	/	<=33	Pass
		Inner Full	16.48	/	/	15.47	/	/	<=33	Pass
		Inner 1RB Left	17.33	/	/	16.32	/	/	<=33	Pass
		Inner 1RB Right	17.99	/	/	16.98	/	/	<=33	Pass
	2555	Edge 1RB Left	18.63	/	/	17.62	/	/	<=33	Pass
		Edge 1RB Right	17.77	/	/	16.76	/	/	<=33	Pass
		Outer Full	17.41	/	/	16.40	/	/	<=33	Pass
		Inner Full	17.48	/	/	16.47	/	/	<=33	Pass
		Inner 1RB Left	18.81	/	/	17.80	/	/	<=33	Pass
		Inner 1RB Right	18.03	/	/	17.02	/	/	<=33	Pass
CP-OFDM QPSK	2515	Edge 1RB Left	19.21	/	/	18.20	/	/	<=33	Pass
		Edge 1RB Right	19.54	/	/	18.53	/	/	<=33	Pass
		Outer Full	18.70	/	/	17.69	/	/	<=33	Pass
		Inner Full	18.90	/	/	17.89	/	/	<=33	Pass
		Inner 1RB Left	19.91	/	/	18.90	/	/	<=33	Pass
		Inner 1RB Right	19.80	/	/	18.79	/	/	<=33	Pass
	2535	Edge 1RB Left	18.76	/	/	17.75	/	/	<=33	Pass
		Edge 1RB Right	18.89	/	/	17.88	/	/	<=33	Pass
		Outer Full	18.33	/	/	17.32	/	/	<=33	Pass
		Inner Full	18.58	/	/	17.57	/	/	<=33	Pass
		Inner 1RB Left	19.07	/	/	18.06	/	/	<=33	Pass
		Inner 1RB Right	19.51	/	/	18.50	/	/	<=33	Pass
	2555	Edge 1RB Left	19.78	/	/	18.77	/	/	<=33	Pass
		Edge 1RB Right	18.33	/	/	17.32	/	/	<=33	Pass
		Outer Full	18.91	/	/	17.90	/	/	<=33	Pass
		Inner Full	18.66	/	/	17.65	/	/	<=33	Pass
		Inner 1RB Left	20.28	/	/	19.27	/	/	<=33	Pass
		Inner 1RB Right	19.51	/	/	18.50	/	/	<=33	Pass
CP-OFDM 16 QAM	2515	Edge 1RB Left	18.82	/	/	17.81	/	/	<=33	Pass
		Edge 1RB Right	18.72	/	/	17.71	/	/	<=33	Pass
		Outer Full	18.10	/	/	17.09	/	/	<=33	Pass
		Inner Full	18.22	/	/	17.21	/	/	<=33	Pass
		Inner 1RB Left	19.15	/	/	18.14	/	/	<=33	Pass
		Inner 1RB Right	19.32	/	/	18.31	/	/	<=33	Pass
	2535	Edge 1RB Left	18.31	/	/	17.30	/	/	<=33	Pass
		Edge 1RB Right	18.70	/	/	17.69	/	/	<=33	Pass
		Outer Full	17.70	/	/	16.69	/	/	<=33	Pass
		Inner Full	18.01	/	/	17.00	/	/	<=33	Pass
		Inner 1RB Left	18.71	/	/	17.70	/	/	<=33	Pass
		Inner 1RB Right	19.30	/	/	18.29	/	/	<=33	Pass
	2555	Edge 1RB Left	19.87	/	/	18.86	/	/	<=33	Pass
		Edge 1RB Right	18.51	/	/	17.50	/	/	<=33	Pass
		Outer Full	18.09	/	/	17.08	/	/	<=33	Pass
		Inner Full	18.61	/	/	17.60	/	/	<=33	Pass
		Inner 1RB Left	20.08	/	/	19.07	/	/	<=33	Pass
		Inner 1RB Right	19.29	/	/	18.28	/	/	<=33	Pass
CP-OFDM 64 QAM	2515	Edge 1RB Left	18.83	/	/	17.82	/	/	<=33	Pass
		Edge 1RB Right	18.83	/	/	17.82	/	/	<=33	Pass
		Outer Full	17.62	/	/	16.61	/	/	<=33	Pass

		Inner Full	18.48	/	/	17.47	/	/	<=33	Pass
		Inner 1RB Left	19.58	/	/	18.57	/	/	<=33	Pass
		Inner 1RB Right	19.60	/	/	18.59	/	/	<=33	Pass
		Edge 1RB Left	18.11	/	/	17.10	/	/	<=33	Pass
		Edge 1RB Right	18.54	/	/	17.53	/	/	<=33	Pass
		Outer Full	17.89	/	/	16.88	/	/	<=33	Pass
		Inner Full	18.43	/	/	17.42	/	/	<=33	Pass
		Inner 1RB Left	18.85	/	/	17.84	/	/	<=33	Pass
		Inner 1RB Right	19.41	/	/	18.40	/	/	<=33	Pass
	2535	Edge 1RB Left	19.36	/	/	18.35	/	/	<=33	Pass
		Edge 1RB Right	17.94	/	/	16.93	/	/	<=33	Pass
		Outer Full	18.08	/	/	17.07	/	/	<=33	Pass
		Inner Full	18.31	/	/	17.30	/	/	<=33	Pass
		Inner 1RB Left	19.98	/	/	18.97	/	/	<=33	Pass
		Inner 1RB Right	19.16	/	/	18.15	/	/	<=33	Pass
CP-OFDM 256 QAM	2515	Edge 1RB Left	16.07	/	/	15.06	/	/	<=33	Pass
		Edge 1RB Right	16.08	/	/	15.07	/	/	<=33	Pass
		Outer Full	15.41	/	/	14.40	/	/	<=33	Pass
		Inner Full	15.00	/	/	13.99	/	/	<=33	Pass
		Inner 1RB Left	15.96	/	/	14.95	/	/	<=33	Pass
		Inner 1RB Right	16.09	/	/	15.08	/	/	<=33	Pass
	2535	Edge 1RB Left	15.73	/	/	14.72	/	/	<=33	Pass
		Edge 1RB Right	16.19	/	/	15.18	/	/	<=33	Pass
		Outer Full	15.39	/	/	14.38	/	/	<=33	Pass
		Inner Full	14.98	/	/	13.97	/	/	<=33	Pass
		Inner 1RB Left	15.57	/	/	14.56	/	/	<=33	Pass
		Inner 1RB Right	16.26	/	/	15.25	/	/	<=33	Pass
	2555	Edge 1RB Left	16.48	/	/	15.47	/	/	<=33	Pass
		Edge 1RB Right	15.81	/	/	14.80	/	/	<=33	Pass
		Outer Full	15.31	/	/	14.30	/	/	<=33	Pass
		Inner Full	15.39	/	/	14.38	/	/	<=33	Pass
		Inner 1RB Left	16.77	/	/	15.76	/	/	<=33	Pass
		Inner 1RB Right	16.17	/	/	15.16	/	/	<=33	Pass
Note1: Antenna Gain: Ant1: -1.01dBi; Note2: EIRP=Conducted Power+Antenna Gain										

2. Frequency Stability

2.1 Test Result

2.1.1 15k_SISO_5MHz

5G NR n7 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	2535	Outer_Full	20	LV	-2.40	-0.0009	>=-2.5 & <=2.5	Pass
				HV	5.00	0.0020	>=-2.5 & <=2.5	Pass
			-30	NV	8.50	0.0034	>=-2.5 & <=2.5	Pass
			-20	NV	5.90	0.0023	>=-2.5 & <=2.5	Pass
			-10	NV	7.80	0.0031	>=-2.5 & <=2.5	Pass
			0	NV	2.40	0.0009	>=-2.5 & <=2.5	Pass
			10	NV	1.70	0.0007	>=-2.5 & <=2.5	Pass
			20	NV	4.10	0.0016	>=-2.5 & <=2.5	Pass
			30	NV	3.20	0.0013	>=-2.5 & <=2.5	Pass
			40	NV	1.80	0.0007	>=-2.5 & <=2.5	Pass
			50	NV	-2.50	-0.0010	>=-2.5 & <=2.5	Pass

DFT-s-OFDM 16 QAM	2535	Outer_Full	20	LV	1.60	0.0006	>=-2.5 & <=2.5	Pass
				HV	-1.20	-0.0005	>=-2.5 & <=2.5	Pass
			-30	NV	2.70	0.0011	>=-2.5 & <=2.5	Pass
			-20	NV	1.60	0.0006	>=-2.5 & <=2.5	Pass
			-10	NV	1.30	0.0005	>=-2.5 & <=2.5	Pass
			0	NV	-2.50	-0.0010	>=-2.5 & <=2.5	Pass
			10	NV	-1.70	-0.0007	>=-2.5 & <=2.5	Pass
			20	NV	-3.60	-0.0014	>=-2.5 & <=2.5	Pass
			30	NV	2.50	0.0010	>=-2.5 & <=2.5	Pass
			40	NV	-2.00	-0.0008	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 64 QAM	2535	Outer_Full	20	LV	1.20	0.0005	>=-2.5 & <=2.5	Pass
				HV	2.70	0.0011	>=-2.5 & <=2.5	Pass
			-30	NV	1.20	0.0005	>=-2.5 & <=2.5	Pass
			-20	NV	-1.50	-0.0006	>=-2.5 & <=2.5	Pass
			-10	NV	1.70	0.0007	>=-2.5 & <=2.5	Pass
			0	NV	0.60	0.0002	>=-2.5 & <=2.5	Pass
			10	NV	-0.80	-0.0003	>=-2.5 & <=2.5	Pass
			20	NV	1.90	0.0007	>=-2.5 & <=2.5	Pass
			30	NV	-0.50	-0.0002	>=-2.5 & <=2.5	Pass
			40	NV	-3.90	-0.0015	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 256 QAM	2535	Outer_Full	20	LV	-1.50	-0.0006	>=-2.5 & <=2.5	Pass
				HV	-1.90	-0.0007	>=-2.5 & <=2.5	Pass
			-30	NV	-1.70	-0.0007	>=-2.5 & <=2.5	Pass
			-20	NV	1.00	0.0004	>=-2.5 & <=2.5	Pass
			-10	NV	0.70	0.0003	>=-2.5 & <=2.5	Pass
			0	NV	2.30	0.0009	>=-2.5 & <=2.5	Pass
			10	NV	1.60	0.0006	>=-2.5 & <=2.5	Pass
			20	NV	-3.90	-0.0015	>=-2.5 & <=2.5	Pass
			30	NV	2.20	0.0009	>=-2.5 & <=2.5	Pass
			40	NV	7.20	0.0028	>=-2.5 & <=2.5	Pass
CP-OFDM QPSK	2535	Outer_Full	20	LV	1.30	0.0005	>=-2.5 & <=2.5	Pass
				HV	-1.00	-0.0004	>=-2.5 & <=2.5	Pass
			-30	NV	2.40	0.0009	>=-2.5 & <=2.5	Pass
			-20	NV	-0.80	-0.0003	>=-2.5 & <=2.5	Pass
			-10	NV	-2.50	-0.0010	>=-2.5 & <=2.5	Pass
			0	NV	1.20	0.0005	>=-2.5 & <=2.5	Pass
			10	NV	0.50	0.0002	>=-2.5 & <=2.5	Pass
			20	NV	2.40	0.0009	>=-2.5 & <=2.5	Pass
			30	NV	9.30	0.0037	>=-2.5 & <=2.5	Pass
			40	NV	6.20	0.0024	>=-2.5 & <=2.5	Pass
CP-OFDM 16 QAM	2535	Outer_Full	20	LV	7.10	0.0028	>=-2.5 & <=2.5	Pass
				HV	6.60	0.0026	>=-2.5 & <=2.5	Pass
			-30	NV	5.80	0.0023	>=-2.5 & <=2.5	Pass
			-20	NV	3.20	0.0013	>=-2.5 & <=2.5	Pass
			-10	NV	2.30	0.0009	>=-2.5 & <=2.5	Pass
			0	NV	2.80	0.0011	>=-2.5 & <=2.5	Pass
			10	NV	3.90	0.0015	>=-2.5 & <=2.5	Pass
			20	NV	2.10	0.0008	>=-2.5 & <=2.5	Pass
			30	NV	-2.70	-0.0011	>=-2.5 & <=2.5	Pass
			40	NV	1.30	0.0005	>=-2.5 & <=2.5	Pass
CP-OFDM 64 QAM	2535	Outer_Full	20	LV	7.00	0.0028	>=-2.5 & <=2.5	Pass
				HV	5.40	0.0021	>=-2.5 & <=2.5	Pass
			-30	NV	5.10	0.0020	>=-2.5 & <=2.5	Pass
			-20	NV	3.40	0.0013	>=-2.5 & <=2.5	Pass

			-10	NV	2.10	0.0008	>=-2.5 & <=2.5	Pass
			0	NV	3.10	0.0012	>=-2.5 & <=2.5	Pass
			10	NV	1.70	0.0007	>=-2.5 & <=2.5	Pass
			20	NV	3.90	0.0015	>=-2.5 & <=2.5	Pass
			30	NV	-1.30	-0.0005	>=-2.5 & <=2.5	Pass
			40	NV	1.20	0.0005	>=-2.5 & <=2.5	Pass
			50	NV	-1.00	-0.0004	>=-2.5 & <=2.5	Pass
CP-OFDM 256 QAM	2535	Outer_Full	20	LV	4.80	0.0019	>=-2.5 & <=2.5	Pass
				HV	3.50	0.0014	>=-2.5 & <=2.5	Pass
			-30	NV	3.50	0.0014	>=-2.5 & <=2.5	Pass
			-20	NV	-0.60	-0.0002	>=-2.5 & <=2.5	Pass
			-10	NV	1.50	0.0006	>=-2.5 & <=2.5	Pass
			0	NV	0.20	0.0001	>=-2.5 & <=2.5	Pass
			10	NV	3.00	0.0012	>=-2.5 & <=2.5	Pass
			20	NV	1.90	0.0007	>=-2.5 & <=2.5	Pass
			30	NV	3.50	0.0014	>=-2.5 & <=2.5	Pass
			40	NV	-0.90	-0.0004	>=-2.5 & <=2.5	Pass
			50	NV	-0.40	-0.0002	>=-2.5 & <=2.5	Pass

2.1.2 15k_SISO_10MHz

5G NR n7 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	2535	Outer_Full	20	LV	1.50	0.0006	>=-2.5 & <=2.5	Pass
				HV	3.90	0.0015	>=-2.5 & <=2.5	Pass
			-30	NV	5.30	0.0021	>=-2.5 & <=2.5	Pass
			-20	NV	2.50	0.0010	>=-2.5 & <=2.5	Pass
			-10	NV	1.40	0.0006	>=-2.5 & <=2.5	Pass
			0	NV	1.80	0.0007	>=-2.5 & <=2.5	Pass
			10	NV	-1.10	-0.0004	>=-2.5 & <=2.5	Pass
			20	NV	-0.80	-0.0003	>=-2.5 & <=2.5	Pass
			30	NV	0.70	0.0003	>=-2.5 & <=2.5	Pass
			40	NV	1.40	0.0006	>=-2.5 & <=2.5	Pass
			50	NV	-2.90	-0.0011	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 16 QAM	2535	Outer_Full	20	LV	-3.00	-0.0012	>=-2.5 & <=2.5	Pass
				HV	0.80	0.0003	>=-2.5 & <=2.5	Pass
			-30	NV	-1.50	-0.0006	>=-2.5 & <=2.5	Pass
			-20	NV	-2.10	-0.0008	>=-2.5 & <=2.5	Pass
			-10	NV	-2.50	-0.0010	>=-2.5 & <=2.5	Pass
			0	NV	-2.00	-0.0008	>=-2.5 & <=2.5	Pass
			10	NV	-2.70	-0.0011	>=-2.5 & <=2.5	Pass
			20	NV	-2.80	-0.0011	>=-2.5 & <=2.5	Pass
			30	NV	-3.10	-0.0012	>=-2.5 & <=2.5	Pass
			40	NV	-1.50	-0.0006	>=-2.5 & <=2.5	Pass
			50	NV	4.60	0.0018	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 64 QAM	2535	Outer_Full	20	LV	-1.90	-0.0007	>=-2.5 & <=2.5	Pass
				HV	-3.40	-0.0013	>=-2.5 & <=2.5	Pass
			-30	NV	-4.00	-0.0016	>=-2.5 & <=2.5	Pass
			-20	NV	-2.10	-0.0008	>=-2.5 & <=2.5	Pass
			-10	NV	-2.20	-0.0009	>=-2.5 & <=2.5	Pass
			0	NV	-1.10	-0.0004	>=-2.5 & <=2.5	Pass
			10	NV	3.40	0.0013	>=-2.5 & <=2.5	Pass
			20	NV	-3.90	-0.0015	>=-2.5 & <=2.5	Pass
			30	NV	-3.30	-0.0013	>=-2.5 & <=2.5	Pass
			40	NV	-2.50	-0.0010	>=-2.5 & <=2.5	Pass
			50	NV	2.40	0.0009	>=-2.5 & <=2.5	Pass

DFT-s-OFDM 256 QAM	2535	Outer_Full	20	LV	-0.40	-0.0002	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	-1.30	-0.0005	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	1.90	0.0007	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	-2.50	-0.0010	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	-3.00	-0.0012	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	-1.90	-0.0007	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	-1.50	-0.0006	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	1.90	0.0007	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			30	NV	-5.20	-0.0021	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			40	NV	4.30	0.0017	$\geq -2.5 \ \& \ \leq 2.5$	Pass
CP-OFDM QPSK	2535	Outer_Full	20	LV	-1.00	-0.0004	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	-1.10	-0.0004	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	1.40	0.0006	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	1.60	0.0006	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	1.00	0.0004	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	0.90	0.0004	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	-1.10	-0.0004	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	-3.20	-0.0013	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			30	NV	2.80	0.0011	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			40	NV	0.80	0.0003	$\geq -2.5 \ \& \ \leq 2.5$	Pass
CP-OFDM 16 QAM	2535	Outer_Full	20	LV	-2.00	-0.0008	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	1.60	0.0006	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	-1.00	-0.0004	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	-1.30	-0.0005	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	-2.60	-0.0010	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	-3.10	-0.0012	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	3.00	0.0012	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	-1.10	-0.0004	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			30	NV	-0.90	-0.0004	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			40	NV	-1.30	-0.0005	$\geq -2.5 \ \& \ \leq 2.5$	Pass
CP-OFDM 64 QAM	2535	Outer_Full	20	LV	1.30	0.0005	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	3.60	0.0014	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	-1.60	-0.0006	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	-1.80	-0.0007	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	-0.80	-0.0003	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	-1.90	-0.0007	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	2.10	0.0008	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	-1.80	-0.0007	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			30	NV	-2.30	-0.0009	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			40	NV	-1.50	-0.0006	$\geq -2.5 \ \& \ \leq 2.5$	Pass
CP-OFDM 256 QAM	2535	Outer_Full	20	LV	-2.60	-0.0010	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	-0.30	-0.0001	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	0.90	0.0004	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	-2.80	-0.0011	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	-1.20	-0.0005	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	1.80	0.0007	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	-2.70	-0.0011	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	6.20	0.0024	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			30	NV	4.50	0.0018	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			40	NV	1.90	0.0007	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			50	NV	-1.20	-0.0005	$\geq -2.5 \ \& \ \leq 2.5$	Pass

2.1.3 15k_SISO_15MHz

5G NR n7 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	2535	Outer_Full	20	LV	3.90	0.0015	>=-2.5 & <=2.5	Pass
				HV	3.60	0.0014	>=-2.5 & <=2.5	Pass
			-30	NV	1.00	0.0004	>=-2.5 & <=2.5	Pass
			-20	NV	1.90	0.0007	>=-2.5 & <=2.5	Pass
			-10	NV	-4.40	-0.0017	>=-2.5 & <=2.5	Pass
			0	NV	4.50	0.0018	>=-2.5 & <=2.5	Pass
			10	NV	-2.30	-0.0009	>=-2.5 & <=2.5	Pass
			20	NV	-3.60	-0.0014	>=-2.5 & <=2.5	Pass
			30	NV	-1.20	-0.0005	>=-2.5 & <=2.5	Pass
			40	NV	2.50	0.0010	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 16 QAM	2535	Outer_Full	20	LV	-2.20	-0.0009	>=-2.5 & <=2.5	Pass
				HV	-5.30	-0.0021	>=-2.5 & <=2.5	Pass
			-30	NV	-3.40	-0.0013	>=-2.5 & <=2.5	Pass
			-20	NV	-1.90	-0.0007	>=-2.5 & <=2.5	Pass
			-10	NV	2.00	0.0008	>=-2.5 & <=2.5	Pass
			0	NV	-1.70	-0.0007	>=-2.5 & <=2.5	Pass
			10	NV	-3.20	-0.0013	>=-2.5 & <=2.5	Pass
			20	NV	1.90	0.0007	>=-2.5 & <=2.5	Pass
			30	NV	4.20	0.0017	>=-2.5 & <=2.5	Pass
			40	NV	-0.80	-0.0003	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 64 QAM	2535	Outer_Full	20	LV	-2.90	-0.0011	>=-2.5 & <=2.5	Pass
				HV	0.90	0.0004	>=-2.5 & <=2.5	Pass
			-30	NV	-1.30	-0.0005	>=-2.5 & <=2.5	Pass
			-20	NV	4.30	0.0017	>=-2.5 & <=2.5	Pass
			-10	NV	5.10	0.0020	>=-2.5 & <=2.5	Pass
			0	NV	2.10	0.0008	>=-2.5 & <=2.5	Pass
			10	NV	2.10	0.0008	>=-2.5 & <=2.5	Pass
			20	NV	3.80	0.0015	>=-2.5 & <=2.5	Pass
			30	NV	1.30	0.0005	>=-2.5 & <=2.5	Pass
			40	NV	3.20	0.0013	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 256 QAM	2535	Outer_Full	20	LV	1.70	0.0007	>=-2.5 & <=2.5	Pass
				HV	4.20	0.0017	>=-2.5 & <=2.5	Pass
			-30	NV	1.10	0.0004	>=-2.5 & <=2.5	Pass
			-20	NV	1.90	0.0007	>=-2.5 & <=2.5	Pass
			-10	NV	-1.50	-0.0006	>=-2.5 & <=2.5	Pass
			0	NV	1.30	0.0005	>=-2.5 & <=2.5	Pass
			10	NV	1.70	0.0007	>=-2.5 & <=2.5	Pass
			20	NV	-1.40	-0.0006	>=-2.5 & <=2.5	Pass
			30	NV	2.00	0.0008	>=-2.5 & <=2.5	Pass
			40	NV	-1.50	-0.0006	>=-2.5 & <=2.5	Pass
CP-OFDM QPSK	2535	Outer_Full	20	LV	-2.20	-0.0009	>=-2.5 & <=2.5	Pass
				HV	-5.30	-0.0021	>=-2.5 & <=2.5	Pass
			-30	NV	-3.40	-0.0013	>=-2.5 & <=2.5	Pass
			-20	NV	-1.90	-0.0007	>=-2.5 & <=2.5	Pass
			-10	NV	2.00	0.0008	>=-2.5 & <=2.5	Pass
			0	NV	-1.70	-0.0007	>=-2.5 & <=2.5	Pass
			10	NV	-3.20	-0.0013	>=-2.5 & <=2.5	Pass
			20	NV	1.90	0.0007	>=-2.5 & <=2.5	Pass
			30	NV	4.20	0.0017	>=-2.5 & <=2.5	Pass
			40	NV	-0.80	-0.0003	>=-2.5 & <=2.5	Pass
CP-OFDM 16 QAM	2535	Outer_Full	20	LV	-2.90	-0.0011	>=-2.5 & <=2.5	Pass
				HV	0.90	0.0004	>=-2.5 & <=2.5	Pass
			-30	NV	-1.30	-0.0005	>=-2.5 & <=2.5	Pass
			-20	NV	4.30	0.0017	>=-2.5 & <=2.5	Pass
			-10	NV	5.10	0.0020	>=-2.5 & <=2.5	Pass
			0	NV	2.10	0.0008	>=-2.5 & <=2.5	Pass
			10	NV	2.10	0.0008	>=-2.5 & <=2.5	Pass
			20	NV	3.80	0.0015	>=-2.5 & <=2.5	Pass
			30	NV	1.30	0.0005	>=-2.5 & <=2.5	Pass
			40	NV	3.20	0.0013	>=-2.5 & <=2.5	Pass

				HV	0.10	0.0000	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	-1.90	-0.0007	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	-2.00	-0.0008	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	1.60	0.0006	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	-2.70	-0.0011	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	1.30	0.0005	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	3.50	0.0014	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			30	NV	5.20	0.0021	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			40	NV	1.40	0.0006	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			50	NV	4.20	0.0017	$\geq -2.5 \ \& \ \leq 2.5$	Pass
CP-OFDM 64 QAM	2535	Outer_Full	20	LV	-0.70	-0.0003	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	1.00	0.0004	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	2.20	0.0009	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	2.10	0.0008	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	2.30	0.0009	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	1.10	0.0004	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	4.70	0.0019	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	5.60	0.0022	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			30	NV	2.40	0.0009	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			40	NV	1.60	0.0006	$\geq -2.5 \ \& \ \leq 2.5$	Pass
CP-OFDM 256 QAM	2535	Outer_Full	20	LV	3.00	0.0012	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	-1.30	-0.0005	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	-2.70	-0.0011	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	2.60	0.0010	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	3.90	0.0015	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	3.80	0.0015	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	1.50	0.0006	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	1.10	0.0004	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			30	NV	-0.40	-0.0002	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			40	NV	0.50	0.0002	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			50	NV	1.10	0.0004	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				NV	1.10	0.0004	$\geq -2.5 \ \& \ \leq 2.5$	Pass

2.1.4 15k_SISO_20MHz

5G NR n7 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	2535	Outer_Full	20	LV	4.10	0.0016	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	2.00	0.0008	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	2.10	0.0008	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	-1.40	-0.0006	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	-1.40	-0.0006	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	-4.60	-0.0018	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	-1.50	-0.0006	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	-1.80	-0.0007	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			30	NV	3.70	0.0015	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			40	NV	-2.20	-0.0009	$\geq -2.5 \ \& \ \leq 2.5$	Pass
DFT-s-OFDM 16 QAM	2535	Outer_Full	50	NV	1.10	0.0004	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				NV	1.10	0.0004	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	LV	-2.90	-0.0011	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	-4.30	-0.0017	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	-1.80	-0.0007	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	-2.80	-0.0011	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	-3.20	-0.0013	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	-2.00	-0.0008	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	-3.20	-0.0013	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				NV	-3.70	-0.0015	$\geq -2.5 \ \& \ \leq 2.5$	Pass

			30	NV	-3.00	-0.0012	>=-2.5 & <=2.5	Pass
			40	NV	-3.10	-0.0012	>=-2.5 & <=2.5	Pass
			50	NV	2.40	0.0009	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 64 QAM	2535	Outer_Full	20	LV	0.90	0.0004	>=-2.5 & <=2.5	Pass
				HV	-2.20	-0.0009	>=-2.5 & <=2.5	Pass
			-30	NV	-4.60	-0.0018	>=-2.5 & <=2.5	Pass
			-20	NV	-2.00	-0.0008	>=-2.5 & <=2.5	Pass
			-10	NV	-3.20	-0.0013	>=-2.5 & <=2.5	Pass
			0	NV	-2.70	-0.0011	>=-2.5 & <=2.5	Pass
			10	NV	3.00	0.0012	>=-2.5 & <=2.5	Pass
			20	NV	-3.00	-0.0012	>=-2.5 & <=2.5	Pass
			30	NV	1.20	0.0005	>=-2.5 & <=2.5	Pass
			40	NV	6.00	0.0024	>=-2.5 & <=2.5	Pass
			50	NV	3.00	0.0012	>=-2.5 & <=2.5	Pass
			DFT-s-OFDM 256 QAM	2535	Outer_Full	20	LV	-2.50
HV	-3.30	-0.0013					>=-2.5 & <=2.5	Pass
-30	NV	-2.10				-0.0008	>=-2.5 & <=2.5	Pass
-20	NV	-2.10				-0.0008	>=-2.5 & <=2.5	Pass
-10	NV	-4.10				-0.0016	>=-2.5 & <=2.5	Pass
0	NV	-3.30				-0.0013	>=-2.5 & <=2.5	Pass
10	NV	3.10				0.0012	>=-2.5 & <=2.5	Pass
20	NV	2.30				0.0009	>=-2.5 & <=2.5	Pass
30	NV	2.80				0.0011	>=-2.5 & <=2.5	Pass
40	NV	1.30				0.0005	>=-2.5 & <=2.5	Pass
50	NV	1.20				0.0005	>=-2.5 & <=2.5	Pass
CP-OFDM QPSK	2535	Outer_Full				20	LV	-1.70
			HV	-3.00	-0.0012		>=-2.5 & <=2.5	Pass
			-30	NV	-3.00	-0.0012	>=-2.5 & <=2.5	Pass
			-20	NV	-2.50	-0.0010	>=-2.5 & <=2.5	Pass
			-10	NV	3.60	0.0014	>=-2.5 & <=2.5	Pass
			0	NV	0.50	0.0002	>=-2.5 & <=2.5	Pass
			10	NV	1.00	0.0004	>=-2.5 & <=2.5	Pass
			20	NV	2.30	0.0009	>=-2.5 & <=2.5	Pass
			30	NV	-1.20	-0.0005	>=-2.5 & <=2.5	Pass
			40	NV	-1.00	-0.0004	>=-2.5 & <=2.5	Pass
			50	NV	-1.30	-0.0005	>=-2.5 & <=2.5	Pass
			CP-OFDM 16 QAM	2535	Outer_Full	20	LV	1.80
HV	1.60	0.0006					>=-2.5 & <=2.5	Pass
-30	NV	2.40				0.0009	>=-2.5 & <=2.5	Pass
-20	NV	0.40				0.0002	>=-2.5 & <=2.5	Pass
-10	NV	-2.50				-0.0010	>=-2.5 & <=2.5	Pass
0	NV	2.50				0.0010	>=-2.5 & <=2.5	Pass
10	NV	1.50				0.0006	>=-2.5 & <=2.5	Pass
20	NV	1.20				0.0005	>=-2.5 & <=2.5	Pass
30	NV	-1.60				-0.0006	>=-2.5 & <=2.5	Pass
40	NV	-1.60				-0.0006	>=-2.5 & <=2.5	Pass
50	NV	2.20				0.0009	>=-2.5 & <=2.5	Pass
CP-OFDM 64 QAM	2535	Outer_Full				20	LV	0.70
			HV	-2.10	-0.0008		>=-2.5 & <=2.5	Pass
			-30	NV	1.10	0.0004	>=-2.5 & <=2.5	Pass
			-20	NV	1.70	0.0007	>=-2.5 & <=2.5	Pass
			-10	NV	-1.20	-0.0005	>=-2.5 & <=2.5	Pass
			0	NV	-1.20	-0.0005	>=-2.5 & <=2.5	Pass
			10	NV	3.50	0.0014	>=-2.5 & <=2.5	Pass
			20	NV	0.60	0.0002	>=-2.5 & <=2.5	Pass
			30	NV	-1.30	-0.0005	>=-2.5 & <=2.5	Pass
			40	NV	0.70	0.0003	>=-2.5 & <=2.5	Pass
			50	NV	-3.30	-0.0013	>=-2.5 & <=2.5	Pass
			CP-OFDM 256 QAM	2535	Outer_Full	20	LV	1.50

				HV	-2.70	-0.0011	>=-2.5 & <=2.5	Pass
			-30	NV	2.20	0.0009	>=-2.5 & <=2.5	Pass
			-20	NV	-1.60	-0.0006	>=-2.5 & <=2.5	Pass
			-10	NV	-1.60	-0.0006	>=-2.5 & <=2.5	Pass
			0	NV	-1.50	-0.0006	>=-2.5 & <=2.5	Pass
			10	NV	-2.30	-0.0009	>=-2.5 & <=2.5	Pass
			20	NV	-2.10	-0.0008	>=-2.5 & <=2.5	Pass
			30	NV	-1.50	-0.0006	>=-2.5 & <=2.5	Pass
			40	NV	0.90	0.0004	>=-2.5 & <=2.5	Pass
			50	NV	1.70	0.0007	>=-2.5 & <=2.5	Pass

2.1.5 15k_SISO_25MHz

5G NR n7 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	2535	Outer_Full	20	LV	3.90	0.0015	>=-2.5 & <=2.5	Pass
				HV	-1.00	-0.0004	>=-2.5 & <=2.5	Pass
			-30	NV	3.10	0.0012	>=-2.5 & <=2.5	Pass
			-20	NV	-5.30	-0.0021	>=-2.5 & <=2.5	Pass
			-10	NV	-1.20	-0.0005	>=-2.5 & <=2.5	Pass
			0	NV	-1.50	-0.0006	>=-2.5 & <=2.5	Pass
			10	NV	-1.10	-0.0004	>=-2.5 & <=2.5	Pass
			20	NV	0.80	0.0003	>=-2.5 & <=2.5	Pass
			30	NV	-1.40	-0.0006	>=-2.5 & <=2.5	Pass
			40	NV	-0.70	-0.0003	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 16 QAM	2535	Outer_Full	20	LV	-2.10	-0.0008	>=-2.5 & <=2.5	Pass
				HV	-3.00	-0.0012	>=-2.5 & <=2.5	Pass
			-30	NV	-2.40	-0.0009	>=-2.5 & <=2.5	Pass
			-20	NV	2.10	0.0008	>=-2.5 & <=2.5	Pass
			-10	NV	4.70	0.0019	>=-2.5 & <=2.5	Pass
			0	NV	1.80	0.0007	>=-2.5 & <=2.5	Pass
			10	NV	-0.80	-0.0003	>=-2.5 & <=2.5	Pass
			20	NV	1.50	0.0006	>=-2.5 & <=2.5	Pass
			30	NV	1.90	0.0007	>=-2.5 & <=2.5	Pass
			40	NV	-2.60	-0.0010	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 64 QAM	2535	Outer_Full	20	LV	4.20	0.0017	>=-2.5 & <=2.5	Pass
				HV	4.20	0.0017	>=-2.5 & <=2.5	Pass
			-30	NV	0.80	0.0003	>=-2.5 & <=2.5	Pass
			-20	NV	2.50	0.0010	>=-2.5 & <=2.5	Pass
			-10	NV	-0.70	-0.0003	>=-2.5 & <=2.5	Pass
			0	NV	2.60	0.0010	>=-2.5 & <=2.5	Pass
			10	NV	2.20	0.0009	>=-2.5 & <=2.5	Pass
			20	NV	-3.00	-0.0012	>=-2.5 & <=2.5	Pass
			30	NV	2.50	0.0010	>=-2.5 & <=2.5	Pass
			40	NV	-2.20	-0.0009	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 256 QAM	2535	Outer_Full	20	LV	1.50	0.0006	>=-2.5 & <=2.5	Pass
				HV	-0.80	-0.0003	>=-2.5 & <=2.5	Pass
			-30	NV	-1.60	-0.0006	>=-2.5 & <=2.5	Pass
			-20	NV	-2.40	-0.0009	>=-2.5 & <=2.5	Pass
			-10	NV	-2.50	-0.0010	>=-2.5 & <=2.5	Pass
			0	NV	2.40	0.0009	>=-2.5 & <=2.5	Pass
			10	NV	-1.20	-0.0005	>=-2.5 & <=2.5	Pass
			20	NV	-1.80	-0.0007	>=-2.5 & <=2.5	Pass

			30	NV	-2.20	-0.0009	>=-2.5 & <=2.5	Pass
			40	NV	0.80	0.0003	>=-2.5 & <=2.5	Pass
			50	NV	-2.00	-0.0008	>=-2.5 & <=2.5	Pass
CP-OFDM QPSK	2535	Outer_Full	20	LV	-2.10	-0.0008	>=-2.5 & <=2.5	Pass
				HV	-2.20	-0.0009	>=-2.5 & <=2.5	Pass
			-30	NV	-2.60	-0.0010	>=-2.5 & <=2.5	Pass
			-20	NV	-1.50	-0.0006	>=-2.5 & <=2.5	Pass
			-10	NV	-2.60	-0.0010	>=-2.5 & <=2.5	Pass
			0	NV	-2.60	-0.0010	>=-2.5 & <=2.5	Pass
			10	NV	-0.40	-0.0002	>=-2.5 & <=2.5	Pass
			20	NV	-1.30	-0.0005	>=-2.5 & <=2.5	Pass
			30	NV	-2.60	-0.0010	>=-2.5 & <=2.5	Pass
			40	NV	3.60	0.0014	>=-2.5 & <=2.5	Pass
			50	NV	2.50	0.0010	>=-2.5 & <=2.5	Pass
			CP-OFDM 16 QAM	2535	Outer_Full	20	LV	-2.30
HV	4.20	0.0017					>=-2.5 & <=2.5	Pass
-30	NV	3.50				0.0014	>=-2.5 & <=2.5	Pass
-20	NV	2.70				0.0011	>=-2.5 & <=2.5	Pass
-10	NV	4.00				0.0016	>=-2.5 & <=2.5	Pass
0	NV	-1.00				-0.0004	>=-2.5 & <=2.5	Pass
10	NV	-2.70				-0.0011	>=-2.5 & <=2.5	Pass
20	NV	-2.50				-0.0010	>=-2.5 & <=2.5	Pass
30	NV	-3.80				-0.0015	>=-2.5 & <=2.5	Pass
CP-OFDM 64 QAM	2535	Outer_Full	20	LV	2.50	0.0010	>=-2.5 & <=2.5	Pass
				HV	3.90	0.0015	>=-2.5 & <=2.5	Pass
			-30	NV	-1.00	-0.0004	>=-2.5 & <=2.5	Pass
			-20	NV	1.60	0.0006	>=-2.5 & <=2.5	Pass
			-10	NV	1.40	0.0006	>=-2.5 & <=2.5	Pass
			0	NV	1.80	0.0007	>=-2.5 & <=2.5	Pass
			10	NV	-1.60	-0.0006	>=-2.5 & <=2.5	Pass
			20	NV	2.70	0.0011	>=-2.5 & <=2.5	Pass
			30	NV	-1.50	-0.0006	>=-2.5 & <=2.5	Pass
CP-OFDM 256 QAM	2535	Outer_Full	20	LV	4.20	0.0017	>=-2.5 & <=2.5	Pass
				HV	1.20	0.0005	>=-2.5 & <=2.5	Pass
			-30	NV	2.00	0.0008	>=-2.5 & <=2.5	Pass
			-20	NV	1.10	0.0004	>=-2.5 & <=2.5	Pass
			-10	NV	1.20	0.0005	>=-2.5 & <=2.5	Pass
			0	NV	-1.60	-0.0006	>=-2.5 & <=2.5	Pass
			10	NV	-2.90	-0.0011	>=-2.5 & <=2.5	Pass
			20	NV	-1.10	-0.0004	>=-2.5 & <=2.5	Pass
			30	NV	1.20	0.0005	>=-2.5 & <=2.5	Pass
40	NV	-2.10	-0.0008	>=-2.5 & <=2.5	Pass			
50	NV	-2.10	-0.0008	>=-2.5 & <=2.5	Pass			

2.1.6 15k_SISO_30MHz

5G NR n7 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	2535	Outer_Full	20	LV	-1.40	-0.0006	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	-2.60	-0.0010	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	-1.20	-0.0005	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	-1.70	-0.0007	$\geq -2.5 \ \& \ \leq 2.5$	Pass

			-10	NV	-1.00	-0.0004	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	2.50	0.0010	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	-2.60	-0.0010	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	-0.50	-0.0002	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			30	NV	-3.20	-0.0013	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			40	NV	1.10	0.0004	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			50	NV	-2.30	-0.0009	$\geq -2.5 \ \& \ \leq 2.5$	Pass
DFT-s-OFDM 16 QAM	2535	Outer_Full	20	LV	-1.40	-0.0006	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	-4.20	-0.0017	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	-3.60	-0.0014	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	-4.80	-0.0019	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	-3.40	-0.0013	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	-1.20	-0.0005	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	-1.80	-0.0007	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	-3.70	-0.0015	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			30	NV	-1.00	-0.0004	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			40	NV	3.30	0.0013	$\geq -2.5 \ \& \ \leq 2.5$	Pass
DFT-s-OFDM 64 QAM	2535	Outer_Full	50	NV	2.60	0.0010	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	LV	-3.40	-0.0013	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	1.00	0.0004	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	-1.20	-0.0005	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	-1.00	-0.0004	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	2.80	0.0011	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	3.90	0.0015	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	2.80	0.0011	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	-2.50	-0.0010	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			30	NV	1.20	0.0005	$\geq -2.5 \ \& \ \leq 2.5$	Pass
DFT-s-OFDM 256 QAM	2535	Outer_Full	40	NV	1.50	0.0006	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			50	NV	0.90	0.0004	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	LV	2.50	0.0010	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	2.90	0.0011	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	2.50	0.0010	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	2.50	0.0010	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	1.70	0.0007	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	0.80	0.0003	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	-2.10	-0.0008	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	-2.90	-0.0011	$\geq -2.5 \ \& \ \leq 2.5$	Pass
CP-OFDM QPSK	2535	Outer_Full	30	NV	-2.70	-0.0011	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			40	NV	-3.80	-0.0015	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			50	NV	-3.10	-0.0012	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	LV	-1.20	-0.0005	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	-1.70	-0.0007	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	-1.10	-0.0004	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	2.30	0.0009	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	-3.00	-0.0012	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	-2.30	-0.0009	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	-1.80	-0.0007	$\geq -2.5 \ \& \ \leq 2.5$	Pass
CP-OFDM 16 QAM	2535	Outer_Full	20	NV	-3.30	-0.0013	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			30	NV	-2.20	-0.0009	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			40	NV	-3.20	-0.0013	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			50	NV	-3.60	-0.0014	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	LV	-2.00	-0.0008	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	1.00	0.0004	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	-2.90	-0.0011	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	-1.00	-0.0004	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	-1.70	-0.0007	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	-4.20	-0.0017	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	-2.00	-0.0008	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	-1.80	-0.0007	$\geq -2.5 \ \& \ \leq 2.5$	Pass

			30	NV	0.80	0.0003	≥ -2.5 & ≤ 2.5	Pass
			40	NV	1.40	0.0006	≥ -2.5 & ≤ 2.5	Pass
			50	NV	2.50	0.0010	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM 64 QAM	2535	Outer_Full	20	LV	-3.20	-0.0013	≥ -2.5 & ≤ 2.5	Pass
				HV	-3.10	-0.0012	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-2.30	-0.0009	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-1.70	-0.0007	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-1.60	-0.0006	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-3.30	-0.0013	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-4.90	-0.0019	≥ -2.5 & ≤ 2.5	Pass
			20	NV	3.10	0.0012	≥ -2.5 & ≤ 2.5	Pass
			30	NV	2.30	0.0009	≥ -2.5 & ≤ 2.5	Pass
			40	NV	2.70	0.0011	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-1.80	-0.0007	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM 256 QAM	2535	Outer_Full	20	LV	-2.60	-0.0010	≥ -2.5 & ≤ 2.5	Pass
				HV	-1.80	-0.0007	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-3.60	-0.0014	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-2.80	-0.0011	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-1.10	-0.0004	≥ -2.5 & ≤ 2.5	Pass
			0	NV	1.50	0.0006	≥ -2.5 & ≤ 2.5	Pass
			10	NV	3.00	0.0012	≥ -2.5 & ≤ 2.5	Pass
			20	NV	1.60	0.0006	≥ -2.5 & ≤ 2.5	Pass
			30	NV	2.90	0.0011	≥ -2.5 & ≤ 2.5	Pass
			40	NV	4.40	0.0017	≥ -2.5 & ≤ 2.5	Pass
			50	NV	1.00	0.0004	≥ -2.5 & ≤ 2.5	Pass

2.1.7 30k_SISO_10MHz

5G NR n7 SCS=30kHz SISO 10MHz								
Modulation	Frequency (MHz)	RB Allocation	Temp. (°C)	Volt.	Freq. Error (Hz)	Freq. vs. rated (ppm)		Verdict
						Result	Limit	
DFT-s-OFDM QPSK	2535	Outer_Full	20	LV	1.90	0.0007	≥ -2.5 & ≤ 2.5	Pass
				HV	4.00	0.0016	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	2.00	0.0008	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	2.50	0.0010	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-2.60	-0.0010	≥ -2.5 & ≤ 2.5	Pass
			0	NV	4.00	0.0016	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-6.90	-0.0027	≥ -2.5 & ≤ 2.5	Pass
			20	NV	5.80	0.0023	≥ -2.5 & ≤ 2.5	Pass
			30	NV	4.00	0.0016	≥ -2.5 & ≤ 2.5	Pass
			40	NV	2.40	0.0009	≥ -2.5 & ≤ 2.5	Pass
DFT-s-OFDM 16 QAM	2535	Outer_Full	20	LV	-3.30	-0.0013	≥ -2.5 & ≤ 2.5	Pass
				HV	-5.30	-0.0021	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	3.10	0.0012	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-5.50	-0.0022	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-3.10	-0.0012	≥ -2.5 & ≤ 2.5	Pass
			0	NV	4.20	0.0017	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-3.60	-0.0014	≥ -2.5 & ≤ 2.5	Pass
			20	NV	4.00	0.0016	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-2.60	-0.0010	≥ -2.5 & ≤ 2.5	Pass
			40	NV	2.40	0.0009	≥ -2.5 & ≤ 2.5	Pass
DFT-s-OFDM 64 QAM	2535	Outer_Full	20	NV	-4.80	-0.0019	≥ -2.5 & ≤ 2.5	Pass
				LV	7.60	0.0030	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	5.60	0.0022	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-4.40	-0.0017	≥ -2.5 & ≤ 2.5	Pass

			-10	NV	-5.60	-0.0022	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	-11.20	-0.0044	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	4.90	0.0019	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	-4.80	-0.0019	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			30	NV	-3.80	-0.0015	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			40	NV	-2.40	-0.0009	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			50	NV	-5.50	-0.0022	$\geq -2.5 \ \& \ \leq 2.5$	Pass
DFT-s-OFDM 256 QAM	2535	Outer_Full	20	LV	-1.30	-0.0005	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	4.70	0.0019	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	-2.60	-0.0010	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	-6.60	-0.0026	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	-4.60	-0.0018	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	3.10	0.0012	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	2.70	0.0011	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	-4.90	-0.0019	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			30	NV	-2.50	-0.0010	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			40	NV	1.90	0.0007	$\geq -2.5 \ \& \ \leq 2.5$	Pass
CP-OFDM QPSK	2535	Outer_Full	50	NV	-1.80	-0.0007	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	LV	6.20	0.0024	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	5.20	0.0021	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	2.30	0.0009	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	3.30	0.0013	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	3.50	0.0014	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	5.40	0.0021	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	2.90	0.0011	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	3.80	0.0015	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			30	NV	4.30	0.0017	$\geq -2.5 \ \& \ \leq 2.5$	Pass
CP-OFDM 16 QAM	2535	Outer_Full	40	NV	4.40	0.0017	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			50	NV	4.40	0.0017	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	LV	2.60	0.0010	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	4.50	0.0018	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	-4.20	-0.0017	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	-1.50	-0.0006	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	-2.40	-0.0009	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	1.30	0.0005	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	5.10	0.0020	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	4.30	0.0017	$\geq -2.5 \ \& \ \leq 2.5$	Pass
CP-OFDM 64 QAM	2535	Outer_Full	30	NV	2.90	0.0011	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			40	NV	-3.00	-0.0012	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			50	NV	2.30	0.0009	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	LV	-2.50	-0.0010	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	-3.50	-0.0014	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	-4.40	-0.0017	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	4.10	0.0016	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	-3.30	-0.0013	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	-0.80	-0.0003	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	-3.60	-0.0014	$\geq -2.5 \ \& \ \leq 2.5$	Pass
CP-OFDM 256 QAM	2535	Outer_Full	20	NV	-4.30	-0.0017	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			30	NV	-3.20	-0.0013	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			40	NV	-4.80	-0.0019	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			50	NV	-2.60	-0.0010	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	LV	-3.80	-0.0015	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	1.90	0.0007	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	-4.10	-0.0016	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	-3.40	-0.0013	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	3.70	0.0015	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	1.80	0.0007	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	1.40	0.0006	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	2.80	0.0011	$\geq -2.5 \ \& \ \leq 2.5$	Pass

			30	NV	-2.20	-0.0009	>=-2.5 & <=2.5	Pass
			40	NV	-4.10	-0.0016	>=-2.5 & <=2.5	Pass
			50	NV	3.40	0.0013	>=-2.5 & <=2.5	Pass

2.1.8 30k_SISO_15MHz

5G NR n7 SCS=30kHz SISO 15MHz								
Modulation	Frequency (MHz)	RB Allocation	Temp. (°C)	Volt.	Freq. Error (Hz)	Freq. vs. rated (ppm)		Verdict
						Result	Limit	
DFT-s-OFDM QPSK	2535	Outer_Full	20	LV	-3.30	-0.0013	>=-2.5 & <=2.5	Pass
				HV	5.70	0.0022	>=-2.5 & <=2.5	Pass
			-30	NV	4.20	0.0017	>=-2.5 & <=2.5	Pass
			-20	NV	-2.20	-0.0009	>=-2.5 & <=2.5	Pass
			-10	NV	-6.80	-0.0027	>=-2.5 & <=2.5	Pass
			0	NV	4.00	0.0016	>=-2.5 & <=2.5	Pass
			10	NV	4.30	0.0017	>=-2.5 & <=2.5	Pass
			20	NV	5.50	0.0022	>=-2.5 & <=2.5	Pass
			30	NV	6.20	0.0024	>=-2.5 & <=2.5	Pass
			40	NV	-7.30	-0.0029	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 16 QAM	2535	Outer_Full	20	LV	-3.40	-0.0013	>=-2.5 & <=2.5	Pass
				HV	2.70	0.0011	>=-2.5 & <=2.5	Pass
			-30	NV	-5.40	-0.0021	>=-2.5 & <=2.5	Pass
			-20	NV	4.10	0.0016	>=-2.5 & <=2.5	Pass
			-10	NV	-2.40	-0.0009	>=-2.5 & <=2.5	Pass
			0	NV	-1.90	-0.0007	>=-2.5 & <=2.5	Pass
			10	NV	2.70	0.0011	>=-2.5 & <=2.5	Pass
			20	NV	-2.30	-0.0009	>=-2.5 & <=2.5	Pass
			30	NV	-5.40	-0.0021	>=-2.5 & <=2.5	Pass
			40	NV	-5.90	-0.0023	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 64 QAM	2535	Outer_Full	20	LV	5.80	0.0023	>=-2.5 & <=2.5	Pass
				HV	3.70	0.0015	>=-2.5 & <=2.5	Pass
			-30	NV	4.20	0.0017	>=-2.5 & <=2.5	Pass
			-20	NV	-1.60	-0.0006	>=-2.5 & <=2.5	Pass
			-10	NV	5.90	0.0023	>=-2.5 & <=2.5	Pass
			0	NV	4.80	0.0019	>=-2.5 & <=2.5	Pass
			10	NV	-5.30	-0.0021	>=-2.5 & <=2.5	Pass
			20	NV	2.80	0.0011	>=-2.5 & <=2.5	Pass
			30	NV	2.50	0.0010	>=-2.5 & <=2.5	Pass
			40	NV	4.00	0.0016	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 256 QAM	2535	Outer_Full	20	LV	2.40	0.0009	>=-2.5 & <=2.5	Pass
				HV	-5.60	-0.0022	>=-2.5 & <=2.5	Pass
			-30	NV	2.40	0.0009	>=-2.5 & <=2.5	Pass
			-20	NV	4.60	0.0018	>=-2.5 & <=2.5	Pass
			-10	NV	2.60	0.0010	>=-2.5 & <=2.5	Pass
			0	NV	-3.90	-0.0015	>=-2.5 & <=2.5	Pass
			10	NV	4.20	0.0017	>=-2.5 & <=2.5	Pass
			20	NV	4.20	0.0017	>=-2.5 & <=2.5	Pass
			30	NV	-1.30	-0.0005	>=-2.5 & <=2.5	Pass
			40	NV	4.20	0.0017	>=-2.5 & <=2.5	Pass
CP-OFDM QPSK	2535	Outer_Full	20	NV	2.60	0.0010	>=-2.5 & <=2.5	Pass
				LV	2.20	0.0009	>=-2.5 & <=2.5	Pass
			-30	NV	-2.10	-0.0008	>=-2.5 & <=2.5	Pass
			-20	NV	2.20	0.0009	>=-2.5 & <=2.5	Pass

			-10	NV	-3.10	-0.0012	>=-2.5 & <=2.5	Pass
			0	NV	1.40	0.0006	>=-2.5 & <=2.5	Pass
			10	NV	4.90	0.0019	>=-2.5 & <=2.5	Pass
			20	NV	4.10	0.0016	>=-2.5 & <=2.5	Pass
			30	NV	-2.20	-0.0009	>=-2.5 & <=2.5	Pass
			40	NV	-3.70	-0.0015	>=-2.5 & <=2.5	Pass
			50	NV	-2.50	-0.0010	>=-2.5 & <=2.5	Pass
CP-OFDM 16 QAM	2535	Outer_Full	20	LV	5.60	0.0022	>=-2.5 & <=2.5	Pass
				HV	2.30	0.0009	>=-2.5 & <=2.5	Pass
			-30	NV	6.40	0.0025	>=-2.5 & <=2.5	Pass
			-20	NV	-2.20	-0.0009	>=-2.5 & <=2.5	Pass
			-10	NV	-3.00	-0.0012	>=-2.5 & <=2.5	Pass
			0	NV	3.70	0.0015	>=-2.5 & <=2.5	Pass
			10	NV	-1.90	-0.0007	>=-2.5 & <=2.5	Pass
			20	NV	-1.70	-0.0007	>=-2.5 & <=2.5	Pass
			30	NV	1.40	0.0006	>=-2.5 & <=2.5	Pass
			40	NV	-4.20	-0.0017	>=-2.5 & <=2.5	Pass
CP-OFDM 64 QAM	2535	Outer_Full	50	NV	1.90	0.0007	>=-2.5 & <=2.5	Pass
			20	LV	3.40	0.0013	>=-2.5 & <=2.5	Pass
				HV	2.50	0.0010	>=-2.5 & <=2.5	Pass
			-30	NV	1.70	0.0007	>=-2.5 & <=2.5	Pass
			-20	NV	3.60	0.0014	>=-2.5 & <=2.5	Pass
			-10	NV	-3.10	-0.0012	>=-2.5 & <=2.5	Pass
			0	NV	3.30	0.0013	>=-2.5 & <=2.5	Pass
			10	NV	-4.40	-0.0017	>=-2.5 & <=2.5	Pass
			20	NV	1.80	0.0007	>=-2.5 & <=2.5	Pass
			30	NV	-3.40	-0.0013	>=-2.5 & <=2.5	Pass
CP-OFDM 256 QAM	2535	Outer_Full	40	NV	0.70	0.0003	>=-2.5 & <=2.5	Pass
			50	NV	-5.20	-0.0021	>=-2.5 & <=2.5	Pass
			20	LV	3.70	0.0015	>=-2.5 & <=2.5	Pass
				HV	2.50	0.0010	>=-2.5 & <=2.5	Pass
			-30	NV	-2.00	-0.0008	>=-2.5 & <=2.5	Pass
			-20	NV	2.10	0.0008	>=-2.5 & <=2.5	Pass
			-10	NV	2.00	0.0008	>=-2.5 & <=2.5	Pass
			0	NV	-2.50	-0.0010	>=-2.5 & <=2.5	Pass
			10	NV	0.90	0.0004	>=-2.5 & <=2.5	Pass
			20	NV	-2.40	-0.0009	>=-2.5 & <=2.5	Pass
			30	NV	-2.00	-0.0008	>=-2.5 & <=2.5	Pass
			40	NV	-1.70	-0.0007	>=-2.5 & <=2.5	Pass
			50	NV	-2.40	-0.0009	>=-2.5 & <=2.5	Pass

2.1.9 30k_SISO_20MHz

5G NR n7 SCS=30kHz SISO 20MHz								
Modulation	Frequency (MHz)	RB Allocation	Temp. (°C)	Volt.	Freq. Error (Hz)	Freq. vs. rated (ppm)		Verdict
						Result	Limit	
DFT-s-OFDM QPSK	2535	Outer_Full	20	LV	-4.10	-0.0016	>=-2.5 & <=2.5	Pass
				HV	-3.90	-0.0015	>=-2.5 & <=2.5	Pass
			-30	NV	-6.80	-0.0027	>=-2.5 & <=2.5	Pass
			-20	NV	7.30	0.0029	>=-2.5 & <=2.5	Pass
			-10	NV	5.80	0.0023	>=-2.5 & <=2.5	Pass
			0	NV	-0.40	-0.0002	>=-2.5 & <=2.5	Pass
			10	NV	-6.20	-0.0024	>=-2.5 & <=2.5	Pass
			20	NV	-4.30	-0.0017	>=-2.5 & <=2.5	Pass
			30	NV	0.40	0.0002	>=-2.5 & <=2.5	Pass
			40	NV	-5.40	-0.0021	>=-2.5 & <=2.5	Pass
			50	NV	-7.30	-0.0029	>=-2.5 & <=2.5	Pass

DFT-s-OFDM 16 QAM	2535	Outer_Full	20	LV	-5.60	-0.0022	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	-6.20	-0.0024	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	-6.40	-0.0025	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	2.80	0.0011	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	-5.00	-0.0020	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	-7.50	-0.0030	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	-4.40	-0.0017	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	-4.50	-0.0018	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			30	NV	5.10	0.0020	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			40	NV	4.70	0.0019	$\geq -2.5 \ \& \ \leq 2.5$	Pass
DFT-s-OFDM 64 QAM	2535	Outer_Full	20	LV	2.60	0.0010	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	-3.90	-0.0015	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	1.50	0.0006	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	2.20	0.0009	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	-4.40	-0.0017	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	4.40	0.0017	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	4.40	0.0017	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	-3.70	-0.0015	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			30	NV	-5.30	-0.0021	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			40	NV	-2.60	-0.0010	$\geq -2.5 \ \& \ \leq 2.5$	Pass
DFT-s-OFDM 256 QAM	2535	Outer_Full	20	LV	-2.50	-0.0010	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	3.70	0.0015	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	-1.40	-0.0006	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	-2.90	-0.0011	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	-5.00	-0.0020	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	-3.50	-0.0014	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	5.50	0.0022	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	1.90	0.0007	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			30	NV	-1.30	-0.0005	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			40	NV	2.50	0.0010	$\geq -2.5 \ \& \ \leq 2.5$	Pass
CP-OFDM QPSK	2535	Outer_Full	20	LV	2.50	0.0010	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	-3.20	-0.0013	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	-2.60	-0.0010	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	-3.90	-0.0015	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	3.60	0.0014	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	1.30	0.0005	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	1.50	0.0006	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	4.20	0.0017	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			30	NV	2.70	0.0011	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			40	NV	2.30	0.0009	$\geq -2.5 \ \& \ \leq 2.5$	Pass
CP-OFDM 16 QAM	2535	Outer_Full	20	LV	1.20	0.0005	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	2.70	0.0011	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	-5.30	-0.0021	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	3.90	0.0015	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	2.30	0.0009	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	-2.40	-0.0009	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	-3.30	-0.0013	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	3.20	0.0013	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			30	NV	-4.00	-0.0016	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			40	NV	3.70	0.0015	$\geq -2.5 \ \& \ \leq 2.5$	Pass
CP-OFDM 64 QAM	2535	Outer_Full	20	LV	-2.80	-0.0011	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	2.20	0.0009	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	6.50	0.0026	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	2.20	0.0009	$\geq -2.5 \ \& \ \leq 2.5$	Pass

			-10	NV	-2.70	-0.0011	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	-3.80	-0.0015	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	-2.70	-0.0011	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	-2.50	-0.0010	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			30	NV	3.50	0.0014	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			40	NV	3.70	0.0015	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			50	NV	-1.30	-0.0005	$\geq -2.5 \ \& \ \leq 2.5$	Pass
CP-OFDM 256 QAM	2535	Outer_Full	20	LV	-4.20	-0.0017	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	-3.00	-0.0012	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	2.60	0.0010	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	5.70	0.0022	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	1.50	0.0006	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	-0.20	-0.0001	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	-4.20	-0.0017	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	-2.40	-0.0009	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			30	NV	-5.30	-0.0021	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			40	NV	-1.80	-0.0007	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			50	NV	3.20	0.0013	$\geq -2.5 \ \& \ \leq 2.5$	Pass

2.1.10 30k_SISO_25MHz

5G NR n7 SCS=30kHz SISO 25MHz								
Modulation	Frequency (MHz)	RB Allocation	Temp. (°C)	Volt.	Freq. Error (Hz)	Freq. vs. rated (ppm)		Verdict
						Result	Limit	
DFT-s-OFDM QPSK	2535	Outer_Full	20	LV	4.10	0.0016	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	-2.30	-0.0009	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	1.20	0.0005	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	-4.20	-0.0017	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	-6.50	-0.0026	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	3.50	0.0014	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	3.80	0.0015	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	-5.90	-0.0023	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			30	NV	-2.80	-0.0011	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			40	NV	-3.80	-0.0015	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			50	NV	-3.70	-0.0015	$\geq -2.5 \ \& \ \leq 2.5$	Pass
DFT-s-OFDM 16 QAM	2535	Outer_Full	20	LV	-4.70	-0.0019	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	-6.20	-0.0024	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	-4.00	-0.0016	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	4.10	0.0016	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	3.90	0.0015	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	5.20	0.0021	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	-5.90	-0.0023	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	1.30	0.0005	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			30	NV	-5.40	-0.0021	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			40	NV	-5.80	-0.0023	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			50	NV	4.20	0.0017	$\geq -2.5 \ \& \ \leq 2.5$	Pass
DFT-s-OFDM 64 QAM	2535	Outer_Full	20	LV	-6.00	-0.0024	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	4.50	0.0018	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	-2.10	-0.0008	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	-2.90	-0.0011	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	9.90	0.0039	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	8.20	0.0032	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	-2.60	-0.0010	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	-5.30	-0.0021	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			30	NV	3.90	0.0015	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			40	NV	5.60	0.0022	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			50	NV	4.00	0.0016	$\geq -2.5 \ \& \ \leq 2.5$	Pass

5G NR n7 SCS=30kHz SISO 30MHz								
Modulation	Frequency (MHz)	RB Allocation	Temp. (°C)	Volt.	Freq. Error (Hz)	Freq. vs. rated (ppm)		Verdict
						Result	Limit	
DFT-s-OFDM QPSK	2535	Outer_Full	20	LV	-3.60	-0.0014	>=-2.5 & <=2.5	Pass
				HV	5.60	0.0022	>=-2.5 & <=2.5	Pass
			-30	NV	-5.70	-0.0022	>=-2.5 & <=2.5	Pass
			-20	NV	6.80	0.0027	>=-2.5 & <=2.5	Pass
			-10	NV	-8.10	-0.0032	>=-2.5 & <=2.5	Pass
			0	NV	1.20	0.0005	>=-2.5 & <=2.5	Pass
			10	NV	3.30	0.0013	>=-2.5 & <=2.5	Pass
			20	NV	-4.70	-0.0019	>=-2.5 & <=2.5	Pass
			30	NV	-2.90	-0.0011	>=-2.5 & <=2.5	Pass
			40	NV	2.10	0.0008	>=-2.5 & <=2.5	Pass
			50	NV	7.80	0.0031	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 16 QAM	2535	Outer_Full	20	LV	4.40	0.0017	>=-2.5 & <=2.5	Pass
				HV	-3.50	-0.0014	>=-2.5 & <=2.5	Pass
			-30	NV	4.60	0.0018	>=-2.5 & <=2.5	Pass
			-20	NV	3.50	0.0014	>=-2.5 & <=2.5	Pass
			-10	NV	-2.40	-0.0009	>=-2.5 & <=2.5	Pass
			0	NV	-3.20	-0.0013	>=-2.5 & <=2.5	Pass
			10	NV	-3.50	-0.0014	>=-2.5 & <=2.5	Pass
			20	NV	-5.00	-0.0020	>=-2.5 & <=2.5	Pass
			30	NV	2.90	0.0011	>=-2.5 & <=2.5	Pass
			40	NV	-2.70	-0.0011	>=-2.5 & <=2.5	Pass
			50	NV	4.00	0.0016	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 64 QAM	2535	Outer_Full	20	LV	-1.70	-0.0007	>=-2.5 & <=2.5	Pass
				HV	8.40	0.0033	>=-2.5 & <=2.5	Pass
			-30	NV	8.00	0.0032	>=-2.5 & <=2.5	Pass
			-20	NV	-2.30	-0.0009	>=-2.5 & <=2.5	Pass
			-10	NV	3.50	0.0014	>=-2.5 & <=2.5	Pass
			0	NV	4.90	0.0019	>=-2.5 & <=2.5	Pass
			10	NV	2.20	0.0009	>=-2.5 & <=2.5	Pass
			20	NV	-1.90	-0.0007	>=-2.5 & <=2.5	Pass
			30	NV	1.70	0.0007	>=-2.5 & <=2.5	Pass
			40	NV	-1.30	-0.0005	>=-2.5 & <=2.5	Pass
			50	NV	-3.30	-0.0013	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 256 QAM	2535	Outer_Full	20	LV	-0.10	0.0000	>=-2.5 & <=2.5	Pass
				HV	3.10	0.0012	>=-2.5 & <=2.5	Pass
			-30	NV	6.60	0.0026	>=-2.5 & <=2.5	Pass
			-20	NV	4.40	0.0017	>=-2.5 & <=2.5	Pass
			-10	NV	4.10	0.0016	>=-2.5 & <=2.5	Pass
			0	NV	2.20	0.0009	>=-2.5 & <=2.5	Pass
			10	NV	3.30	0.0013	>=-2.5 & <=2.5	Pass
			20	NV	4.30	0.0017	>=-2.5 & <=2.5	Pass
			30	NV	-2.80	-0.0011	>=-2.5 & <=2.5	Pass
			40	NV	-10.70	-0.0042	>=-2.5 & <=2.5	Pass
			50	NV	1.60	0.0006	>=-2.5 & <=2.5	Pass
CP-OFDM QPSK	2535	Outer_Full	20	LV	1.30	0.0005	>=-2.5 & <=2.5	Pass
				HV	-3.80	-0.0015	>=-2.5 & <=2.5	Pass
			-30	NV	2.30	0.0009	>=-2.5 & <=2.5	Pass
			-20	NV	-1.60	-0.0006	>=-2.5 & <=2.5	Pass
			-10	NV	0.20	0.0001	>=-2.5 & <=2.5	Pass
			0	NV	-5.70	-0.0022	>=-2.5 & <=2.5	Pass
			10	NV	-5.10	-0.0020	>=-2.5 & <=2.5	Pass
			20	NV	-3.80	-0.0015	>=-2.5 & <=2.5	Pass
			30	NV	-2.20	-0.0009	>=-2.5 & <=2.5	Pass
			40	NV	-1.20	-0.0005	>=-2.5 & <=2.5	Pass
			50	NV	3.00	0.0012	>=-2.5 & <=2.5	Pass
CP-OFDM 16 QAM	2535	Outer_Full	20	LV	-1.50	-0.0006	>=-2.5 & <=2.5	Pass

				HV	3.90	0.0015	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	3.40	0.0013	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	-2.40	-0.0009	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	0.80	0.0003	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	2.80	0.0011	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	-1.40	-0.0006	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	2.40	0.0009	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			30	NV	4.90	0.0019	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			40	NV	6.10	0.0024	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			50	NV	3.50	0.0014	$\geq -2.5 \ \& \ \leq 2.5$	Pass
CP-OFDM 64 QAM	2535	Outer_Full	20	LV	-1.60	-0.0006	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	-1.00	-0.0004	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	2.40	0.0009	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	2.00	0.0008	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	2.70	0.0011	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	1.10	0.0004	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	4.50	0.0018	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	-3.20	-0.0013	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			30	NV	5.30	0.0021	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			40	NV	-5.00	-0.0020	$\geq -2.5 \ \& \ \leq 2.5$	Pass
CP-OFDM 256 QAM	2535	Outer_Full	20	LV	1.40	0.0006	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	-2.50	-0.0010	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	2.40	0.0009	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	-6.20	-0.0024	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	3.30	0.0013	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	2.80	0.0011	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	-1.00	-0.0004	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	4.70	0.0019	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			30	NV	0.80	0.0003	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			40	NV	-3.10	-0.0012	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			50	NV	3.10	0.0012	$\geq -2.5 \ \& \ \leq 2.5$	Pass

3. Modulation Characteristics

3.1 Test Result

3.1.1 15k_SISO_30MHz_NTNV

5G NR n7 SCS=15kHz SISO 30MHz NTNv							
Modulation	Frequency (MHz)	RB Allocation	Modulation Characteristics				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	2535	Outer_Full	Refer To Test Graph				Pass
DFT-s-OFDM 16 QAM	2535	Outer_Full	Refer To Test Graph				Pass
DFT-s-OFDM 64 QAM	2535	Outer_Full	Refer To Test Graph				Pass
DFT-s-OFDM 256 QAM	2535	Outer_Full	Refer To Test Graph				Pass
CP-OFDM QPSK	2535	Outer_Full	Refer To Test Graph				Pass
CP-OFDM 16 QAM	2535	Outer_Full	Refer To Test Graph				Pass
CP-OFDM 64 QAM	2535	Outer_Full	Refer To Test Graph				Pass
CP-OFDM 256 QAM	2535	Outer_Full	Refer To Test Graph				Pass

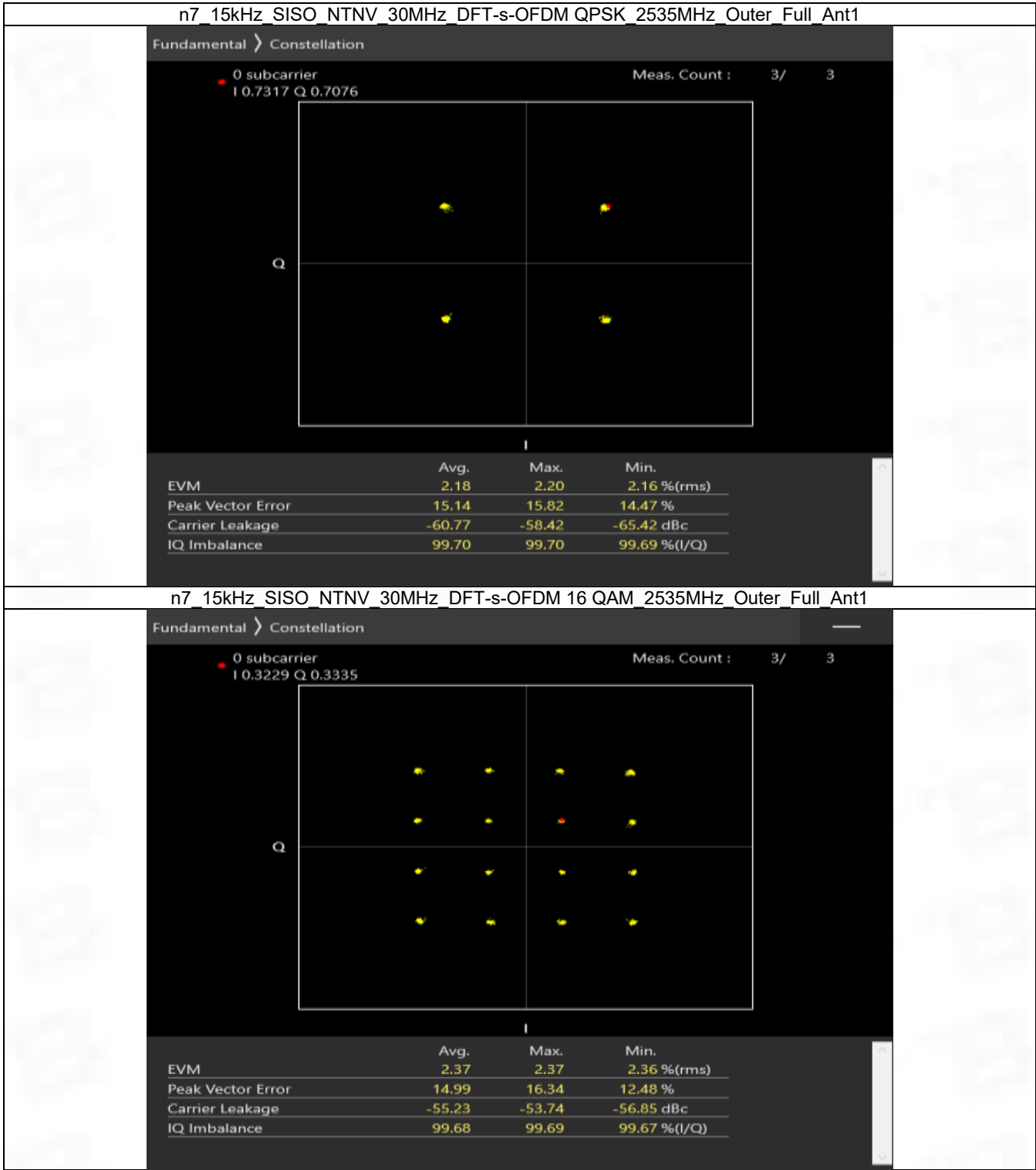
3.1.2 30k_SISO_30MHz_NTNV

5G NR n7 SCS=30kHz SISO 30MHz NTNv

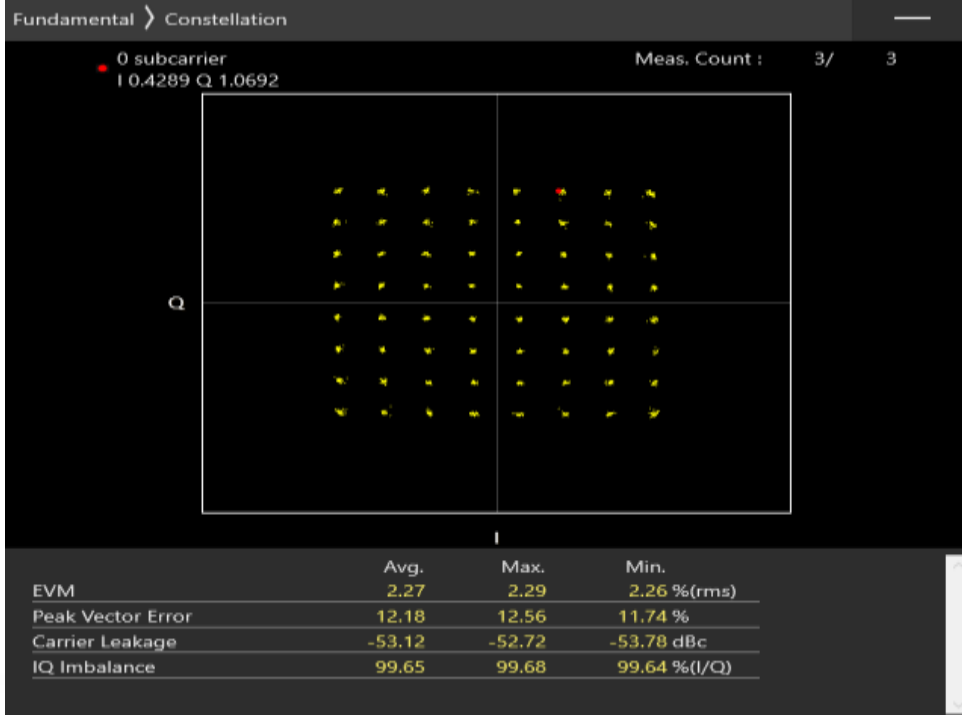
Modulation	Frequency (MHz)	RB Allocation	Modulation Characteristics				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	2535	Outer_Full	Refer To Test Graph				Pass
DFT-s-OFDM 16 QAM	2535	Outer_Full	Refer To Test Graph				Pass
DFT-s-OFDM 64 QAM	2535	Outer_Full	Refer To Test Graph				Pass
DFT-s-OFDM 256 QAM	2535	Outer_Full	Refer To Test Graph				Pass
CP-OFDM QPSK	2535	Outer_Full	Refer To Test Graph				Pass
CP-OFDM 16 QAM	2535	Outer_Full	Refer To Test Graph				Pass
CP-OFDM 64 QAM	2535	Outer_Full	Refer To Test Graph				Pass
CP-OFDM 256 QAM	2535	Outer_Full	Refer To Test Graph				Pass

3.2 Test Graph

3.2.1 15k_SISO_30MHz_NTNV



n7 15kHz SISO NTN 30MHz DFT-s-OFDM 64 QAM 2535MHz Outer Full Ant1



n7 15kHz SISO NTN 30MHz DFT-s-OFDM 256 QAM 2535MHz Outer Full Ant1

n7 15kHz SISO NTNV 30MHz CP-OFDM QPSK 2535MHz Outer Full Ant1

Fundamental > Constellation

0 subcarrier
I 0.7093 Q 0.7015

Meas. Count : 3/ 3

Q

I

	Avg.	Max.	Min.
EVM	2.87	2.93	2.82 %(rms)
Peak Vector Error	8.79	8.98	8.45 %
Carrier Leakage	-47.81	-47.18	-48.34 dBc
IQ Imbalance	99.70	99.78	99.62 %(I/Q)

n7 15kHz SISO NTNV 30MHz CP-OFDM 16 QAM 2535MHz Outer Full Ant1

Fundamental > Constellation

0 subcarrier
I 0.3281 Q 0.2982

Meas. Count : 3/ 3

Q

I

	Avg.	Max.	Min.
EVM	2.62	2.63	2.60 %(rms)
Peak Vector Error	8.37	8.94	7.97 %
Carrier Leakage	-48.40	-47.30	-49.89 dBc
IQ Imbalance	99.68	99.73	99.64 %(I/Q)

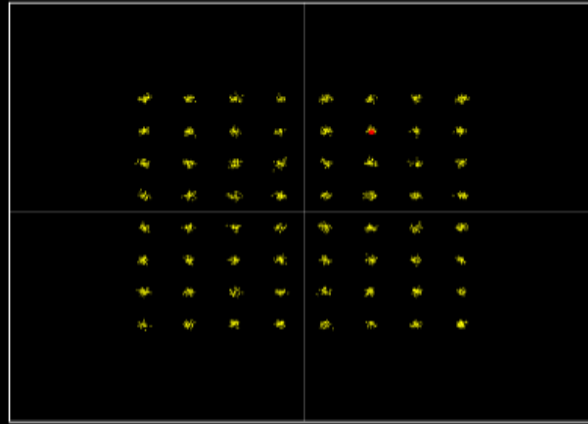
n7 15kHz SISO NTN 30MHz CP-OFDM 64 QAM 2535MHz Outer Full Ant1

Fundamental > Constellation

0 subcarrier
I 0.4728 Q 0.7660

Meas. Count : 3/ 3

Q



	Avg.	Max.	Min.
EVM	2.41	2.42	2.40 %(rms)
Peak Vector Error	8.35	8.57	7.91 %
Carrier Leakage	-47.90	-47.28	-48.41 dBc
IQ Imbalance	99.64	99.68	99.61 %(I/Q)

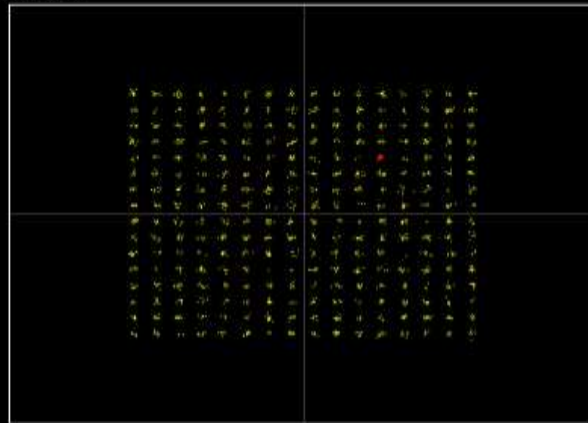
n7 15kHz SISO NTN 30MHz CP-OFDM 256 QAM 2535MHz Outer Full Ant1

Fundamental > Constellation

0 subcarrier
I 0.5255 Q 0.5444

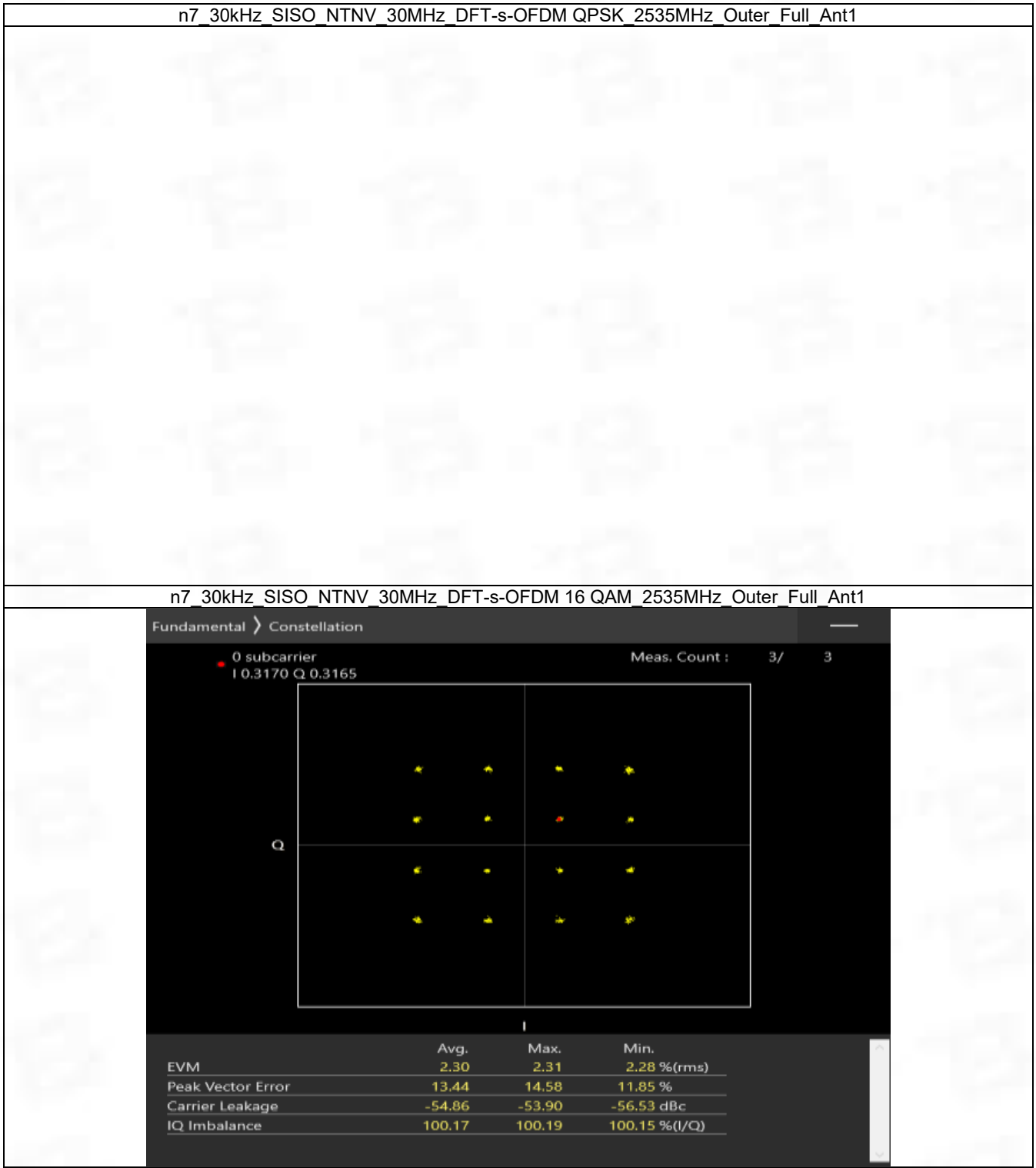
Meas. Count : 3/ 3

Q



	Avg.	Max.	Min.
EVM	2.03	2.04	2.01 %(rms)
Peak Vector Error	7.25	7.63	6.78 %
Carrier Leakage	-59.36	-58.53	-60.51 dBc
IQ Imbalance	99.68	99.70	99.65 %(I/Q)

3.2.2 30k_SISO_30MHz_NTNV



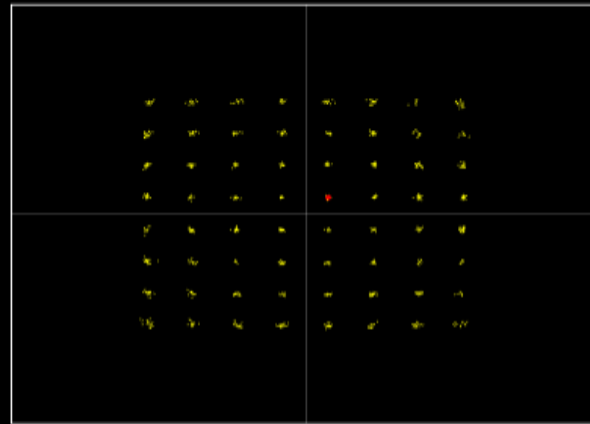
n7 30kHz SISO NTN 30MHz DFT-s-OFDM 64 QAM 2535MHz Outer Full Ant1

Fundamental > Constellation

0 subcarrier
I 0.1627 Q 0.1537

Meas. Count : 3/ 3

Q



	Avg.	Max.	Min.
EVM	2.28	2.29	2.26 %(rms)
Peak Vector Error	9.54	10.31	8.79 %
Carrier Leakage	-43.99	-43.59	-44.29 dBc
IQ Imbalance	100.15	100.17	100.13 %(I/Q)

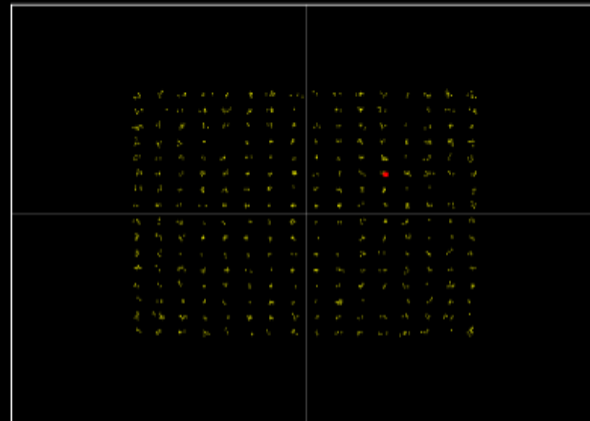
n7 30kHz SISO NTN 30MHz DFT-s-OFDM 256 QAM 2535MHz Outer Full Ant1

Fundamental > Constellation

0 subcarrier
I 0.5532 Q 0.3811

Meas. Count : 3/ 3

Q



	Avg.	Max.	Min.
EVM	2.07	2.09	2.03 %(rms)
Peak Vector Error	8.13	8.58	7.89 %
Carrier Leakage	-53.60	-53.12	-54.59 dBc
IQ Imbalance	100.14	100.20	100.10 %(I/Q)

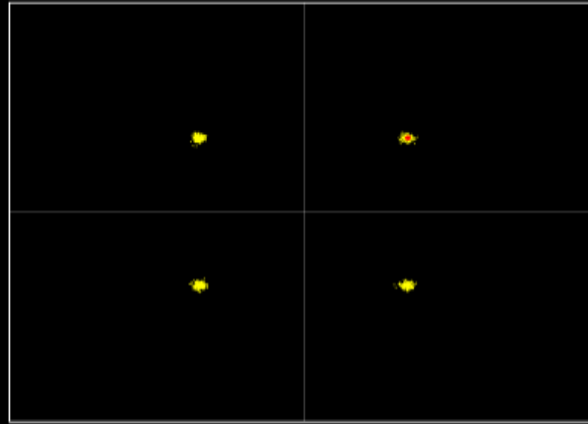
n7 30kHz SISO NTN 30MHz CP-OFDM QPSK 2535MHz Outer Full Ant1

Fundamental > Constellation

0 subcarrier
I 0.7104 Q 0.7050

Meas. Count : 3/ 3

Q



	Avg.	Max.	Min.
EVM	2.87	2.90	2.85 %(rms)
Peak Vector Error	9.57	10.00	9.15 %
Carrier Leakage	-59.27	-57.05	-64.03 dBc
IQ Imbalance	100.14	100.17	100.12 %(I/Q)

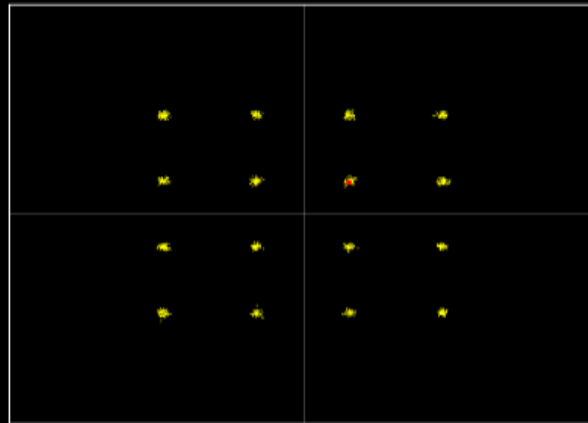
n7 30kHz SISO NTN 30MHz CP-OFDM 16 QAM 2535MHz Outer Full Ant1

Fundamental > Constellation

0 subcarrier
I 0.3105 Q 0.2997

Meas. Count : 3/ 3

Q



	Avg.	Max.	Min.
EVM	2.65	2.68	2.62 %(rms)
Peak Vector Error	8.33	9.23	7.61 %
Carrier Leakage	-44.00	-43.81	-44.23 dBc
IQ Imbalance	100.18	100.24	100.13 %(I/Q)

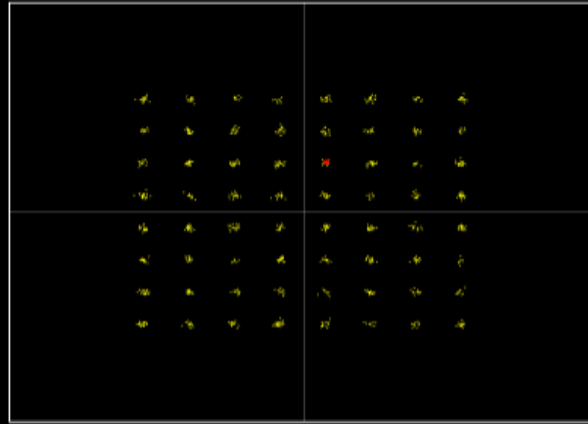
n7 30kHz SISO NTN 30MHz CP-OFDM 64 QAM 2535MHz Outer Full Ant1

Fundamental > Constellation

0 subcarrier
I 0.1637 Q 0.4739

Meas. Count : 3/ 3

Q



	Avg.	Max.	Min.
EVM	2.48	2.49	2.48 %(rms)
Peak Vector Error	7.40	7.59	7.24 %
Carrier Leakage	-45.88	-45.05	-46.79 dBc
IQ Imbalance	100.11	100.13	100.09 %(I/Q)

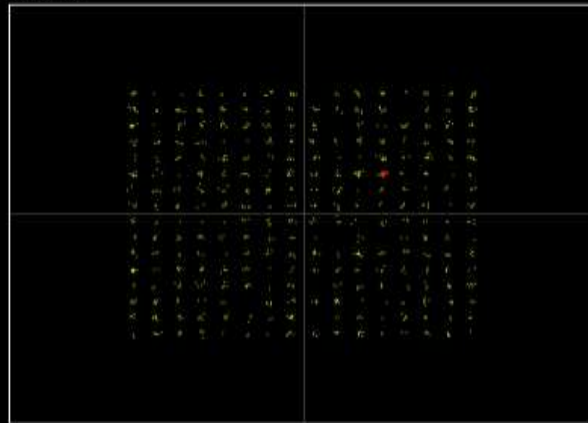
n7 30kHz SISO NTN 30MHz CP-OFDM 256 QAM 2535MHz Outer Full Ant1

Fundamental > Constellation

0 subcarrier
I 0.5533 Q 0.3854

Meas. Count : 3/ 3

Q



	Avg.	Max.	Min.
EVM	2.02	2.03	1.99 %(rms)
Peak Vector Error	6.69	6.80	6.60 %
Carrier Leakage	-49.30	-48.42	-49.89 dBc
IQ Imbalance	100.12	100.14	100.10 %(I/Q)

4. 99% & 26dB Bandwidth

4.1 Test Result

4.1.1 15k_SISO_5MHz_NTNV

5G NR n7 SCS=15kHz SISO 5MHz NTV						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM QPSK	2502.5	Outer_Full	4.59	5.07	/	Pass
	2535	Outer_Full	4.61	5.08	/	Pass
	2567.5	Outer_Full	4.60	5.07	/	Pass
DFT-s-OFDM 16 QAM	2502.5	Outer_Full	4.57	5.04	/	Pass
	2535	Outer_Full	4.57	5.07	/	Pass
	2567.5	Outer_Full	4.55	5.05	/	Pass
DFT-s-OFDM 64 QAM	2502.5	Outer_Full	4.58	5.07	/	Pass
	2535	Outer_Full	4.60	5.07	/	Pass
	2567.5	Outer_Full	4.59	5.03	/	Pass
DFT-s-OFDM 256 QAM	2502.5	Outer_Full	4.56	5.05	/	Pass
	2535	Outer_Full	4.56	5.07	/	Pass
	2567.5	Outer_Full	4.55	5.03	/	Pass
CP-OFDM QPSK	2502.5	Outer_Full	4.56	5.08	/	Pass
	2535	Outer_Full	4.57	5.04	/	Pass
	2567.5	Outer_Full	4.52	5.01	/	Pass
CP-OFDM 16 QAM	2502.5	Outer_Full	4.56	5.05	/	Pass
	2535	Outer_Full	4.55	5.01	/	Pass
	2567.5	Outer_Full	4.53	4.99	/	Pass
CP-OFDM 64 QAM	2502.5	Outer_Full	4.59	5.34	/	Pass
	2535	Outer_Full	4.57	5.07	/	Pass
	2567.5	Outer_Full	4.54	5.04	/	Pass
CP-OFDM 256 QAM	2502.5	Outer_Full	4.54	5.04	/	Pass
	2535	Outer_Full	4.55	5.06	/	Pass
	2567.5	Outer_Full	4.54	5.03	/	Pass

4.1.2 15k_SISO_10MHz_NTNV

5G NR n7 SCS=15kHz SISO 10MHz NTV						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM QPSK	2505	Outer_Full	9.07	9.91	/	Pass
	2535	Outer_Full	9.07	9.88	/	Pass
	2565	Outer_Full	9.04	9.91	/	Pass
DFT-s-OFDM 16 QAM	2505	Outer_Full	9.07	9.95	/	Pass
	2535	Outer_Full	9.06	9.92	/	Pass
	2565	Outer_Full	9.02	9.95	/	Pass
DFT-s-OFDM 64 QAM	2505	Outer_Full	9.09	9.94	/	Pass
	2535	Outer_Full	9.09	9.94	/	Pass
	2565	Outer_Full	9.06	9.93	/	Pass
DFT-s-OFDM 256 QAM	2505	Outer_Full	9.04	9.85	/	Pass
	2535	Outer_Full	9.06	10.00	/	Pass
	2565	Outer_Full	9.01	9.90	/	Pass
CP-OFDM QPSK	2505	Outer_Full	9.41	10.53	/	Pass
	2535	Outer_Full	9.40	10.21	/	Pass
	2565	Outer_Full	9.34	10.18	/	Pass

CP-OFDM 16 QAM	2505	Outer_Full	9.41	10.15	/	Pass
	2535	Outer_Full	9.40	10.18	/	Pass
	2565	Outer_Full	9.35	10.14	/	Pass
CP-OFDM 64 QAM	2505	Outer_Full	9.41	10.16	/	Pass
	2535	Outer_Full	9.43	10.17	/	Pass
	2565	Outer_Full	9.38	10.24	/	Pass
CP-OFDM 256 QAM	2505	Outer_Full	9.40	10.16	/	Pass
	2535	Outer_Full	9.41	10.16	/	Pass
	2565	Outer_Full	9.38	10.17	/	Pass

4.1.3 15k_SISO_15MHz_NTNV

5G NR n7 SCS=15kHz SISO 15MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM QPSK	2507.5	Outer_Full	13.60	14.88	/	Pass
	2535	Outer_Full	13.64	14.84	/	Pass
	2562.5	Outer_Full	13.60	14.83	/	Pass
DFT-s-OFDM 16 QAM	2507.5	Outer_Full	13.62	14.90	/	Pass
	2535	Outer_Full	13.68	15.02	/	Pass
	2562.5	Outer_Full	13.64	14.86	/	Pass
DFT-s-OFDM 64 QAM	2507.5	Outer_Full	13.61	14.83	/	Pass
	2535	Outer_Full	13.64	14.84	/	Pass
	2562.5	Outer_Full	13.65	14.94	/	Pass
DFT-s-OFDM 256 QAM	2507.5	Outer_Full	13.65	14.89	/	Pass
	2535	Outer_Full	13.65	14.86	/	Pass
	2562.5	Outer_Full	13.66	14.94	/	Pass
CP-OFDM QPSK	2507.5	Outer_Full	14.29	18.87	/	Pass
	2535	Outer_Full	14.29	15.42	/	Pass
	2562.5	Outer_Full	14.26	15.35	/	Pass
CP-OFDM 16 QAM	2507.5	Outer_Full	14.34	15.77	/	Pass
	2535	Outer_Full	14.33	15.39	/	Pass
	2562.5	Outer_Full	14.32	15.43	/	Pass
CP-OFDM 64 QAM	2507.5	Outer_Full	14.32	15.44	/	Pass
	2535	Outer_Full	14.32	15.42	/	Pass
	2562.5	Outer_Full	14.28	15.42	/	Pass
CP-OFDM 256 QAM	2507.5	Outer_Full	14.31	15.39	/	Pass
	2535	Outer_Full	14.30	15.40	/	Pass
	2562.5	Outer_Full	14.27	15.32	/	Pass

4.1.4 15k_SISO_20MHz_NTNV

5G NR n7 SCS=15kHz SISO 20MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM QPSK	2510	Outer_Full	18.13	19.61	/	Pass
	2535	Outer_Full	18.17	19.62	/	Pass
	2560	Outer_Full	18.18	19.61	/	Pass
DFT-s-OFDM 16 QAM	2510	Outer_Full	18.15	19.67	/	Pass
	2535	Outer_Full	18.15	19.63	/	Pass
	2560	Outer_Full	18.16	19.64	/	Pass
DFT-s-OFDM 64 QAM	2510	Outer_Full	18.17	19.71	/	Pass
	2535	Outer_Full	18.17	19.59	/	Pass
	2560	Outer_Full	18.20	19.59	/	Pass
DFT-s-OFDM 256 QAM	2510	Outer_Full	18.09	19.59	/	Pass
	2535	Outer_Full	18.12	19.53	/	Pass

CP-OFDM QPSK	2560	Outer_Full	18.15	19.67	/	Pass
	2510	Outer_Full	19.18	21.60	/	Pass
	2535	Outer_Full	19.20	20.55	/	Pass
	2560	Outer_Full	19.16	20.44	/	Pass
CP-OFDM 16 QAM	2510	Outer_Full	19.16	20.66	/	Pass
	2535	Outer_Full	19.19	20.63	/	Pass
	2560	Outer_Full	19.10	20.54	/	Pass
CP-OFDM 64 QAM	2510	Outer_Full	19.16	20.50	/	Pass
	2535	Outer_Full	19.22	20.53	/	Pass
	2560	Outer_Full	19.09	20.44	/	Pass
CP-OFDM 256 QAM	2510	Outer_Full	19.09	20.56	/	Pass
	2535	Outer_Full	19.14	20.57	/	Pass
	2560	Outer_Full	19.08	20.52	/	Pass

4.1.5 15k_SISO_25MHz_NTNV

5G NR n7 SCS=15kHz SISO 25MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM QPSK	2512.5	Outer_Full	23.06	24.78	/	Pass
	2535	Outer_Full	23.07	24.80	/	Pass
	2557.5	Outer_Full	23.09	24.82	/	Pass
DFT-s-OFDM 16 QAM	2512.5	Outer_Full	23.04	24.75	/	Pass
	2535	Outer_Full	23.04	24.82	/	Pass
	2557.5	Outer_Full	23.04	24.82	/	Pass
DFT-s-OFDM 64 QAM	2512.5	Outer_Full	23.07	24.86	/	Pass
	2535	Outer_Full	23.08	24.84	/	Pass
	2557.5	Outer_Full	23.11	24.75	/	Pass
DFT-s-OFDM 256 QAM	2512.5	Outer_Full	23.02	24.83	/	Pass
	2535	Outer_Full	23.02	24.71	/	Pass
	2557.5	Outer_Full	23.03	24.78	/	Pass
CP-OFDM QPSK	2512.5	Outer_Full	23.95	26.85	/	Pass
	2535	Outer_Full	23.96	25.62	/	Pass
	2557.5	Outer_Full	23.93	29.00	/	Pass
CP-OFDM 16 QAM	2512.5	Outer_Full	23.89	25.61	/	Pass
	2535	Outer_Full	23.93	25.62	/	Pass
	2557.5	Outer_Full	23.84	25.57	/	Pass
CP-OFDM 64 QAM	2512.5	Outer_Full	23.93	25.67	/	Pass
	2535	Outer_Full	23.98	25.51	/	Pass
	2557.5	Outer_Full	23.86	25.73	/	Pass
CP-OFDM 256 QAM	2512.5	Outer_Full	23.76	25.55	/	Pass
	2535	Outer_Full	23.83	25.57	/	Pass
	2557.5	Outer_Full	23.73	25.55	/	Pass

4.1.6 15k_SISO_30MHz_NTNV

5G NR n7 SCS=15kHz SISO 30MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM QPSK	2515	Outer_Full	28.97	30.98	/	Pass
	2535	Outer_Full	28.94	31.02	/	Pass
	2555	Outer_Full	28.91	30.83	/	Pass
DFT-s-OFDM 16 QAM	2515	Outer_Full	28.93	30.90	/	Pass
	2535	Outer_Full	28.93	30.86	/	Pass
	2555	Outer_Full	28.89	30.83	/	Pass
DFT-s-OFDM 64 QAM	2515	Outer_Full	28.98	30.96	/	Pass

DFT-s-OFDM 256 QAM	2535	Outer_Full	29.02	31.01	/	Pass
	2555	Outer_Full	28.93	30.88	/	Pass
	2515	Outer_Full	28.86	30.84	/	Pass
	2535	Outer_Full	28.89	30.83	/	Pass
	2555	Outer_Full	28.80	30.86	/	Pass
CP-OFDM QPSK	2515	Outer_Full	29.05	32.13	/	Pass
	2535	Outer_Full	29.05	30.91	/	Pass
	2555	Outer_Full	28.96	32.22	/	Pass
CP-OFDM 16 QAM	2515	Outer_Full	28.89	32.27	/	Pass
	2535	Outer_Full	28.90	30.86	/	Pass
	2555	Outer_Full	28.80	30.81	/	Pass
CP-OFDM 64 QAM	2515	Outer_Full	28.95	30.93	/	Pass
	2535	Outer_Full	28.85	30.83	/	Pass
	2555	Outer_Full	28.83	30.84	/	Pass
CP-OFDM 256 QAM	2515	Outer_Full	28.84	30.85	/	Pass
	2535	Outer_Full	28.93	30.85	/	Pass
	2555	Outer_Full	28.84	30.77	/	Pass

4.1.7 30k_SISO_10MHz_NTNV

5G NR n7 SCS=30kHz SISO 10MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM QPSK	2505	Outer_Full	8.80	10.01	/	Pass
	2535	Outer_Full	8.77	9.97	/	Pass
	2565	Outer_Full	8.78	10.50	/	Pass
DFT-s-OFDM 16 QAM	2505	Outer_Full	8.78	9.97	/	Pass
	2535	Outer_Full	8.78	10.06	/	Pass
	2565	Outer_Full	8.72	10.16	/	Pass
DFT-s-OFDM 64 QAM	2505	Outer_Full	8.75	9.93	/	Pass
	2535	Outer_Full	8.77	10.29	/	Pass
	2565	Outer_Full	8.78	9.95	/	Pass
DFT-s-OFDM 256 QAM	2505	Outer_Full	8.71	9.93	/	Pass
	2535	Outer_Full	8.69	9.94	/	Pass
	2565	Outer_Full	8.70	9.92	/	Pass
CP-OFDM QPSK	2505	Outer_Full	8.83	10.13	/	Pass
	2535	Outer_Full	8.80	9.98	/	Pass
	2565	Outer_Full	8.76	9.95	/	Pass
CP-OFDM 16 QAM	2505	Outer_Full	8.73	9.93	/	Pass
	2535	Outer_Full	8.80	9.92	/	Pass
	2565	Outer_Full	8.73	9.97	/	Pass
CP-OFDM 64 QAM	2505	Outer_Full	8.81	10.00	/	Pass
	2535	Outer_Full	8.76	10.02	/	Pass
	2565	Outer_Full	8.73	9.93	/	Pass
CP-OFDM 256 QAM	2505	Outer_Full	8.77	9.92	/	Pass
	2535	Outer_Full	8.78	9.95	/	Pass
	2565	Outer_Full	8.76	9.94	/	Pass

4.1.8 30k_SISO_15MHz_NTNV

5G NR n7 SCS=30kHz SISO 15MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM QPSK	2507.5	Outer_Full	13.18	14.81	/	Pass
	2535	Outer_Full	13.15	14.91	/	Pass
	2562.5	Outer_Full	13.21	14.97	/	Pass

DFT-s-OFDM 16 QAM	2507.5	Outer_Full	13.13	14.89	/	Pass
	2535	Outer_Full	13.11	14.75	/	Pass
	2562.5	Outer_Full	13.13	14.73	/	Pass
DFT-s-OFDM 64 QAM	2507.5	Outer_Full	13.24	14.91	/	Pass
	2535	Outer_Full	13.24	14.87	/	Pass
	2562.5	Outer_Full	13.20	14.84	/	Pass
DFT-s-OFDM 256 QAM	2507.5	Outer_Full	13.09	14.53	/	Pass
	2535	Outer_Full	13.08	14.66	/	Pass
	2562.5	Outer_Full	13.09	14.76	/	Pass
CP-OFDM QPSK	2507.5	Outer_Full	13.80	15.34	/	Pass
	2535	Outer_Full	13.78	15.22	/	Pass
	2562.5	Outer_Full	13.84	15.30	/	Pass
CP-OFDM 16 QAM	2507.5	Outer_Full	13.85	15.28	/	Pass
	2535	Outer_Full	13.85	15.22	/	Pass
	2562.5	Outer_Full	13.85	15.24	/	Pass
CP-OFDM 64 QAM	2507.5	Outer_Full	13.89	15.19	/	Pass
	2535	Outer_Full	13.87	15.23	/	Pass
	2562.5	Outer_Full	13.82	15.16	/	Pass
CP-OFDM 256 QAM	2507.5	Outer_Full	13.80	15.16	/	Pass
	2535	Outer_Full	13.78	15.13	/	Pass
	2562.5	Outer_Full	13.78	15.23	/	Pass

4.1.9 30k_SISO_20MHz_NTNV

5G NR n7 SCS=30kHz SISO 20MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM QPSK	2510	Outer_Full	18.18	19.84	/	Pass
	2535	Outer_Full	18.19	19.90	/	Pass
	2560	Outer_Full	18.15	19.84	/	Pass
DFT-s-OFDM 16 QAM	2510	Outer_Full	18.15	19.91	/	Pass
	2535	Outer_Full	18.17	19.95	/	Pass
	2560	Outer_Full	18.12	19.82	/	Pass
DFT-s-OFDM 64 QAM	2510	Outer_Full	18.19	19.91	/	Pass
	2535	Outer_Full	18.21	19.90	/	Pass
	2560	Outer_Full	18.19	20.00	/	Pass
DFT-s-OFDM 256 QAM	2510	Outer_Full	18.12	20.02	/	Pass
	2535	Outer_Full	18.18	20.08	/	Pass
	2560	Outer_Full	18.16	20.08	/	Pass
CP-OFDM QPSK	2510	Outer_Full	18.48	20.14	/	Pass
	2535	Outer_Full	18.48	20.17	/	Pass
	2560	Outer_Full	18.46	20.12	/	Pass
CP-OFDM 16 QAM	2510	Outer_Full	18.55	20.97	/	Pass
	2535	Outer_Full	18.55	20.13	/	Pass
	2560	Outer_Full	18.55	20.66	/	Pass
CP-OFDM 64 QAM	2510	Outer_Full	18.52	20.12	/	Pass
	2535	Outer_Full	18.56	20.24	/	Pass
	2560	Outer_Full	18.54	20.14	/	Pass
CP-OFDM 256 QAM	2510	Outer_Full	18.45	20.12	/	Pass
	2535	Outer_Full	18.46	20.07	/	Pass
	2560	Outer_Full	18.42	20.11	/	Pass

4.1.10 30k_SISO_25MHz_NTNV

5G NR n7 SCS=30kHz SISO 25MHz NTN						
Modulation	Frequency	RB	99% Bandwidth	26dB Bandwidth	Limit	Verdict

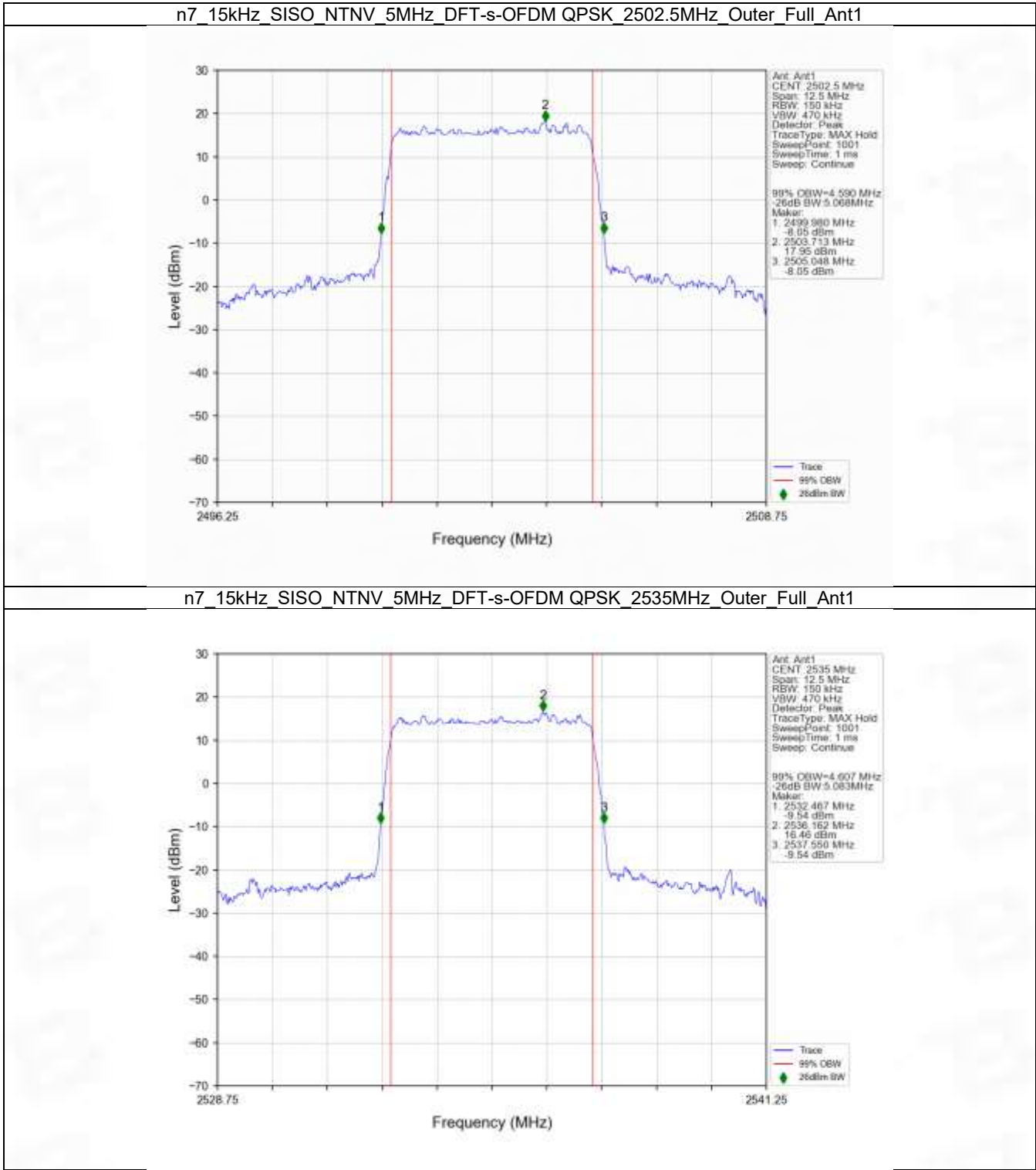
	(MHz)	Allocation	(MHz)	(MHz)	(MHz)	
DFT-s-OFDM QPSK	2512.5	Outer_Full	23.18	25.20	/	Pass
	2535	Outer_Full	23.17	25.12	/	Pass
	2557.5	Outer_Full	23.22	24.96	/	Pass
DFT-s-OFDM 16 QAM	2512.5	Outer_Full	23.13	25.20	/	Pass
	2535	Outer_Full	23.16	25.18	/	Pass
	2557.5	Outer_Full	23.21	25.36	/	Pass
DFT-s-OFDM 64 QAM	2512.5	Outer_Full	23.12	25.20	/	Pass
	2535	Outer_Full	23.15	25.29	/	Pass
	2557.5	Outer_Full	23.17	25.17	/	Pass
DFT-s-OFDM 256 QAM	2512.5	Outer_Full	23.01	25.23	/	Pass
	2535	Outer_Full	23.04	25.12	/	Pass
	2557.5	Outer_Full	23.06	25.16	/	Pass
CP-OFDM QPSK	2512.5	Outer_Full	23.44	25.46	/	Pass
	2535	Outer_Full	23.43	26.25	/	Pass
	2557.5	Outer_Full	23.48	25.44	/	Pass
CP-OFDM 16 QAM	2512.5	Outer_Full	23.43	25.44	/	Pass
	2535	Outer_Full	23.46	25.50	/	Pass
	2557.5	Outer_Full	23.51	25.40	/	Pass
CP-OFDM 64 QAM	2512.5	Outer_Full	23.47	25.30	/	Pass
	2535	Outer_Full	23.49	25.36	/	Pass
	2557.5	Outer_Full	23.53	25.45	/	Pass
CP-OFDM 256 QAM	2512.5	Outer_Full	23.31	25.41	/	Pass
	2535	Outer_Full	23.38	25.48	/	Pass
	2557.5	Outer_Full	23.40	25.30	/	Pass

4.1.11 30k_SISO_30MHz_NTNV

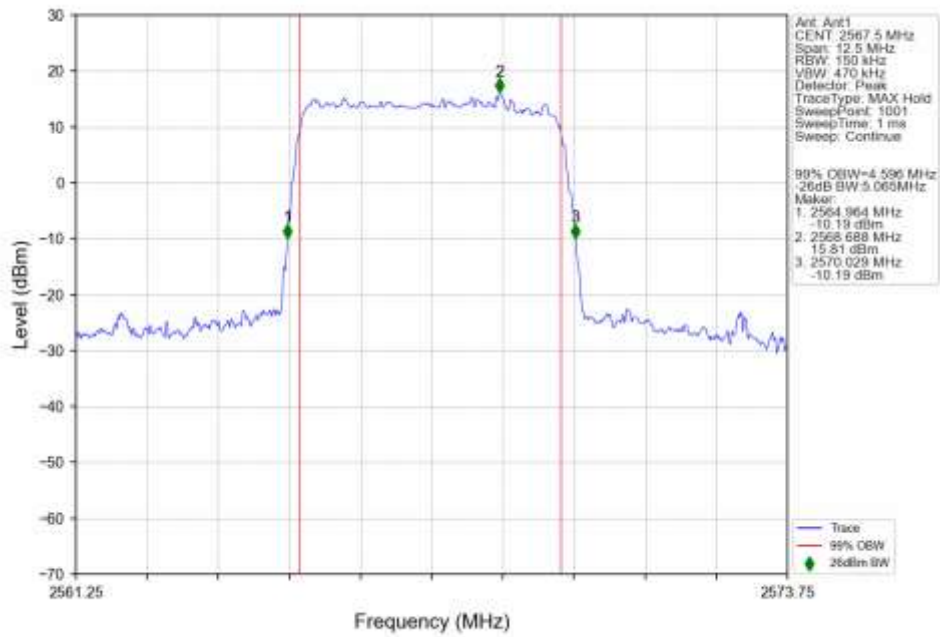
5G NR n7 SCS=30kHz SISO 30MHz NTNv						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM QPSK	2515	Outer_Full	27.21	29.67	/	Pass
	2535	Outer_Full	27.24	29.66	/	Pass
	2555	Outer_Full	27.29	29.58	/	Pass
DFT-s-OFDM 16 QAM	2515	Outer_Full	27.24	29.99	/	Pass
	2535	Outer_Full	27.36	29.88	/	Pass
	2555	Outer_Full	27.35	29.97	/	Pass
DFT-s-OFDM 64 QAM	2515	Outer_Full	27.25	29.83	/	Pass
	2535	Outer_Full	27.29	29.89	/	Pass
	2555	Outer_Full	27.32	29.78	/	Pass
DFT-s-OFDM 256 QAM	2515	Outer_Full	27.35	29.88	/	Pass
	2535	Outer_Full	27.32	29.63	/	Pass
	2555	Outer_Full	27.37	30.00	/	Pass
CP-OFDM QPSK	2515	Outer_Full	28.22	30.96	/	Pass
	2535	Outer_Full	28.25	30.51	/	Pass
	2555	Outer_Full	28.24	34.59	/	Pass
CP-OFDM 16 QAM	2515	Outer_Full	28.24	30.36	/	Pass
	2535	Outer_Full	28.27	30.45	/	Pass
	2555	Outer_Full	28.23	30.43	/	Pass
CP-OFDM 64 QAM	2515	Outer_Full	28.20	30.54	/	Pass
	2535	Outer_Full	28.19	30.43	/	Pass
	2555	Outer_Full	28.23	31.15	/	Pass
CP-OFDM 256 QAM	2515	Outer_Full	28.14	30.47	/	Pass
	2535	Outer_Full	28.19	30.52	/	Pass
	2555	Outer_Full	28.18	30.46	/	Pass

4.2 Test Graph

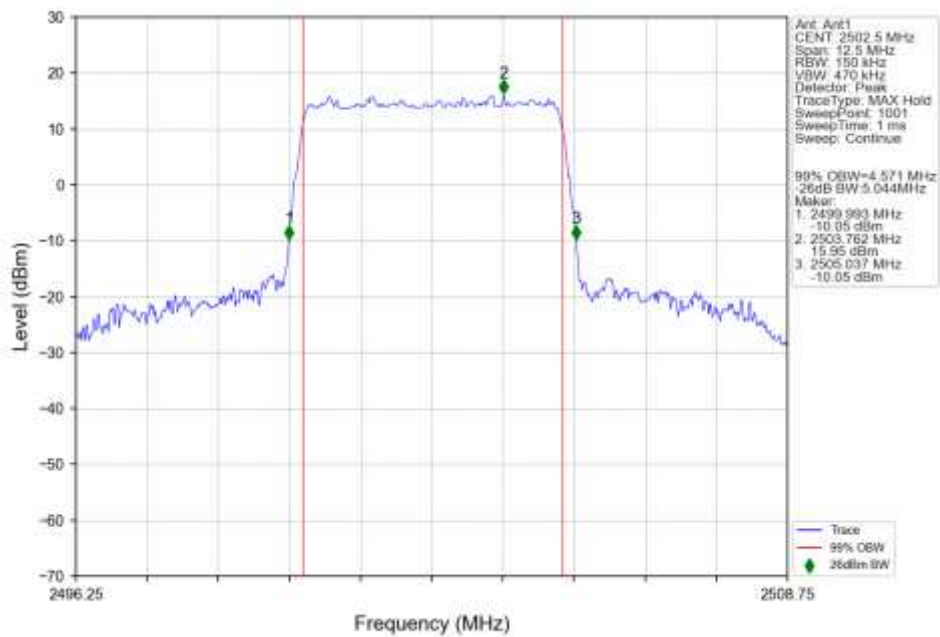
4.2.1 15k_SISO_5MHz_NTNV



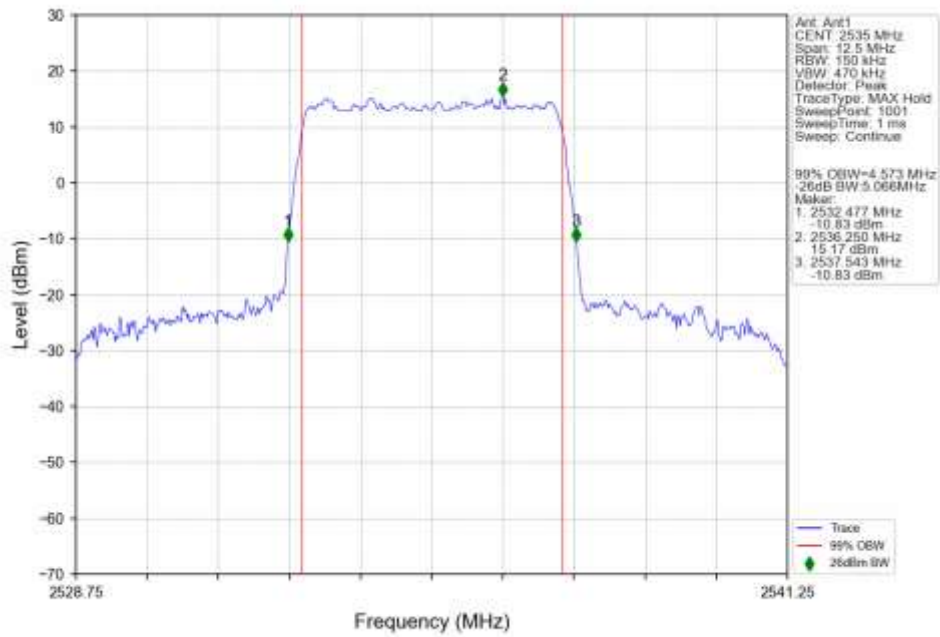
n7 15kHz SISO NTN 5MHz DFT-s-OFDM QPSK 2567.5MHz Outer Full Ant1



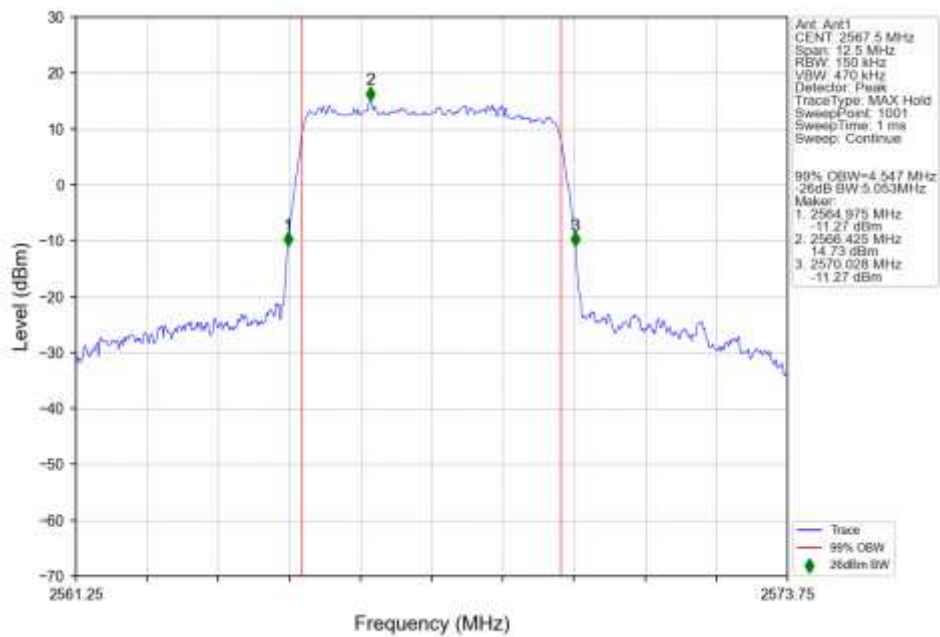
n7 15kHz SISO NTN 5MHz DFT-s-OFDM 16 QAM 2502.5MHz Outer Full Ant1



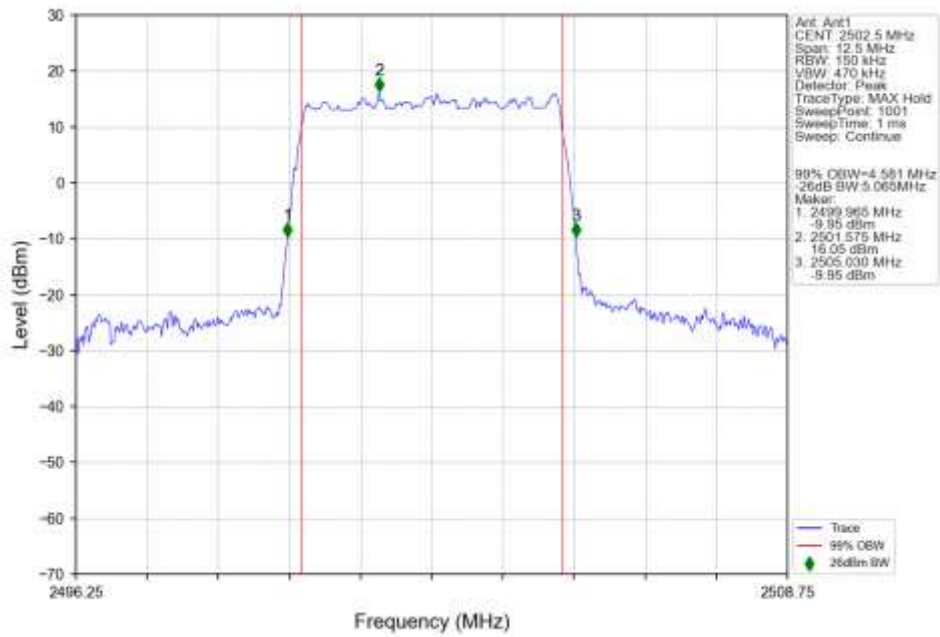
n7 15kHz SISO NTN 5MHz DFT-s-OFDM 16 QAM 2535MHz Outer Full Ant1



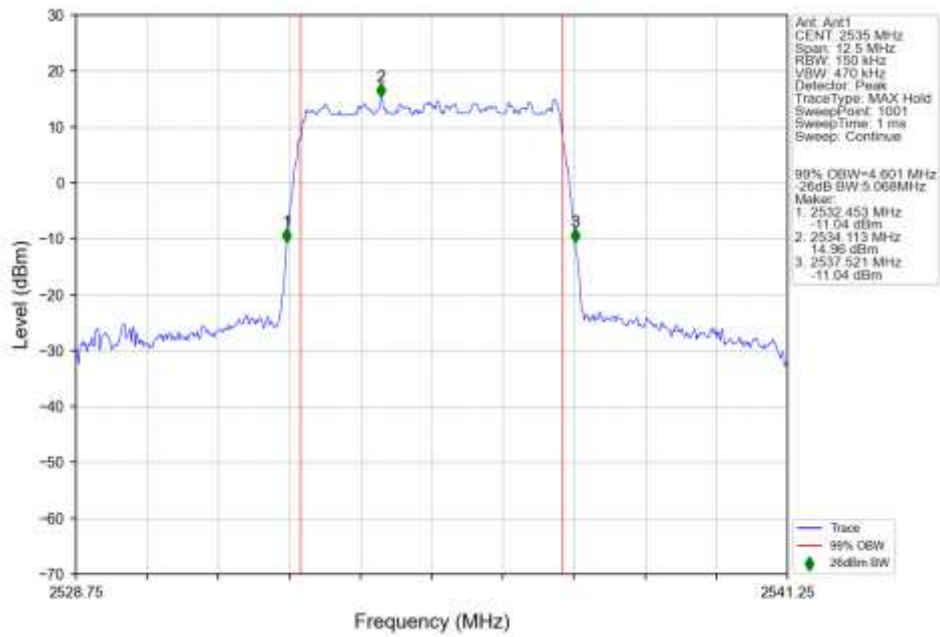
n7 15kHz SISO NTN 5MHz DFT-s-OFDM 16 QAM 2567.5MHz Outer Full Ant1



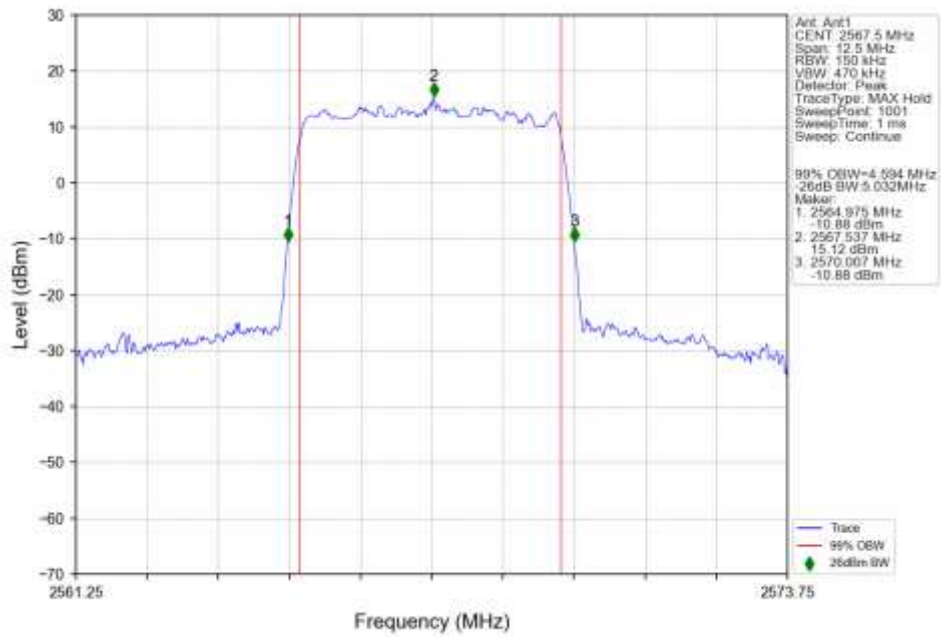
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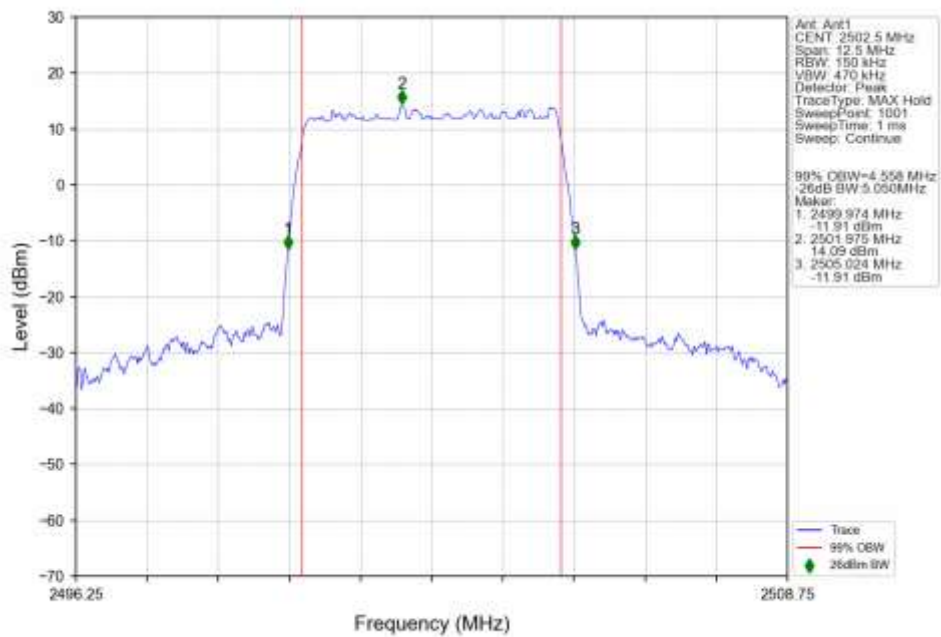
n7 15kHz SISO NTN 5MHz DFT-s-OFDM 64 QAM 2535MHz Outer Full Ant1



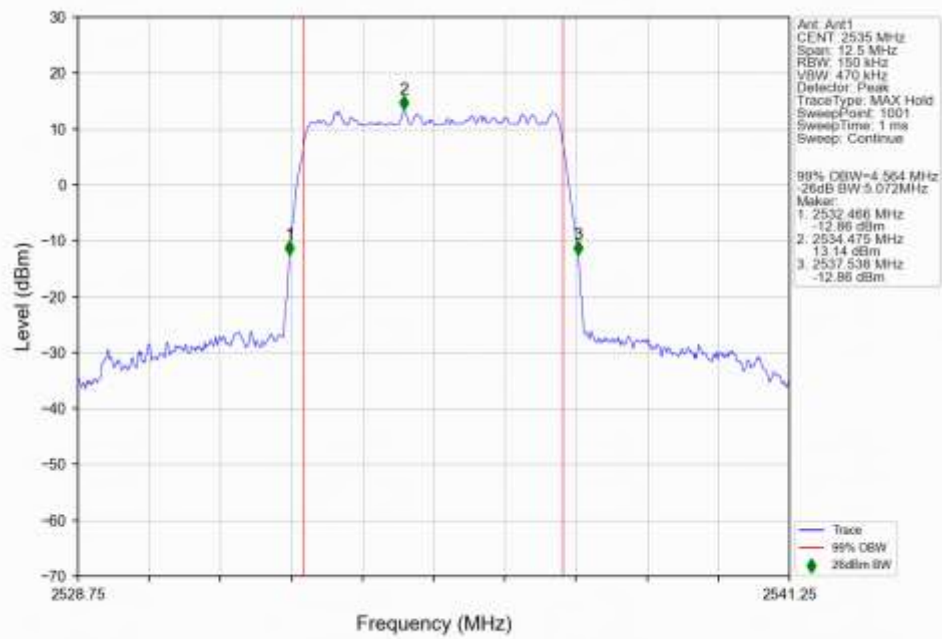
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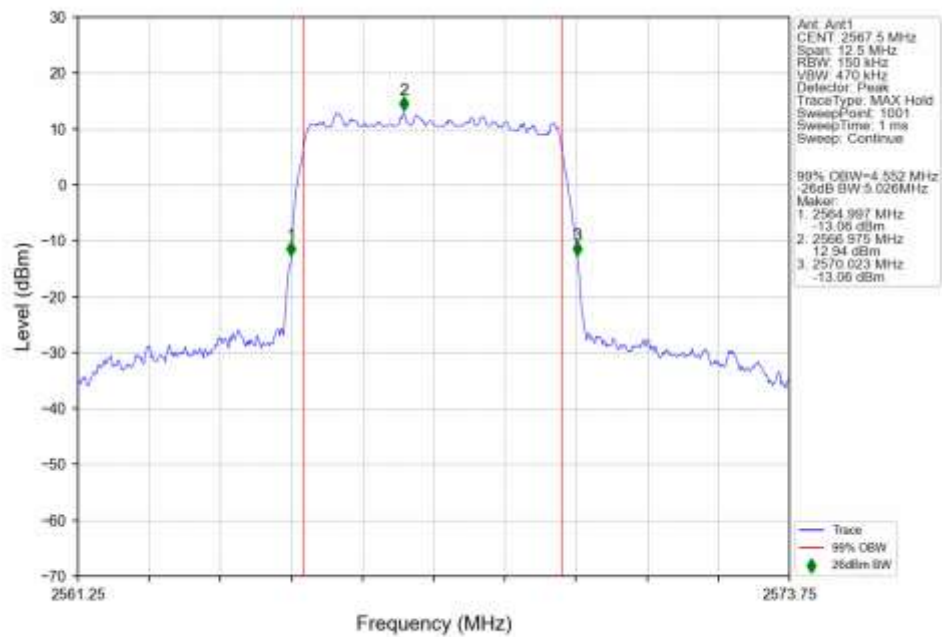
n7 15kHz SISO NTN 5MHz DFT-s-OFDM 256 QAM 2502.5MHz Outer Full Ant1



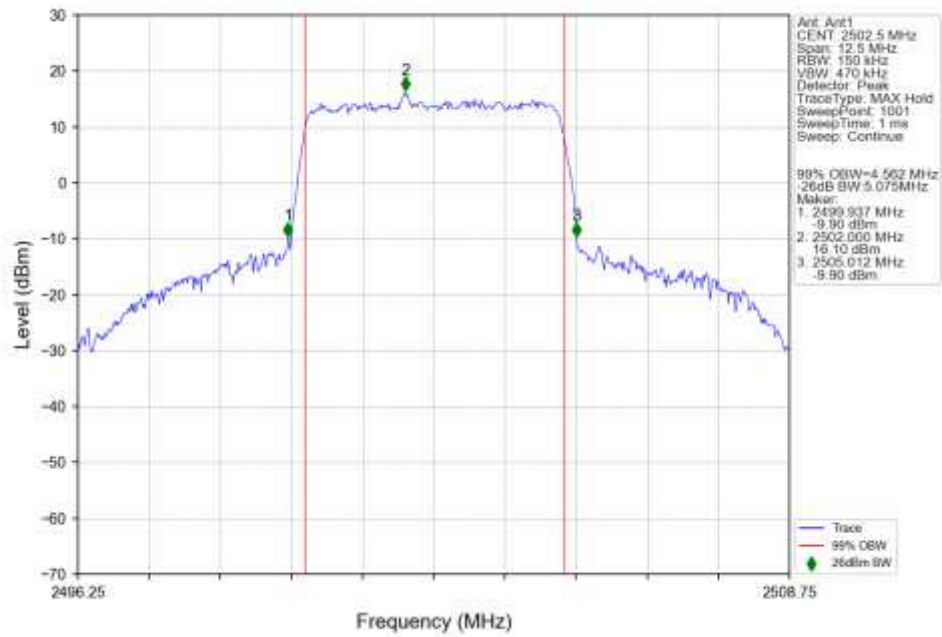
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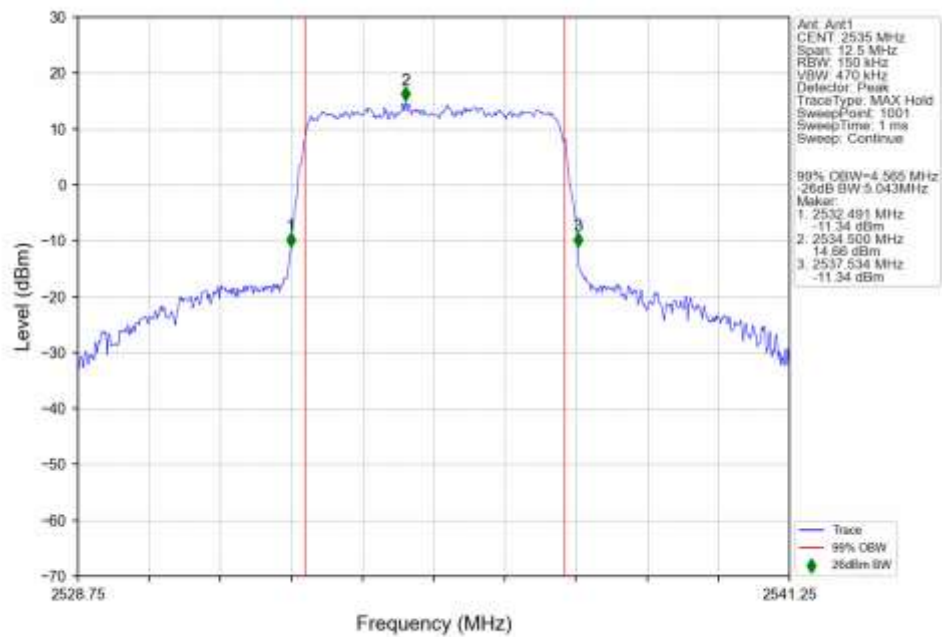
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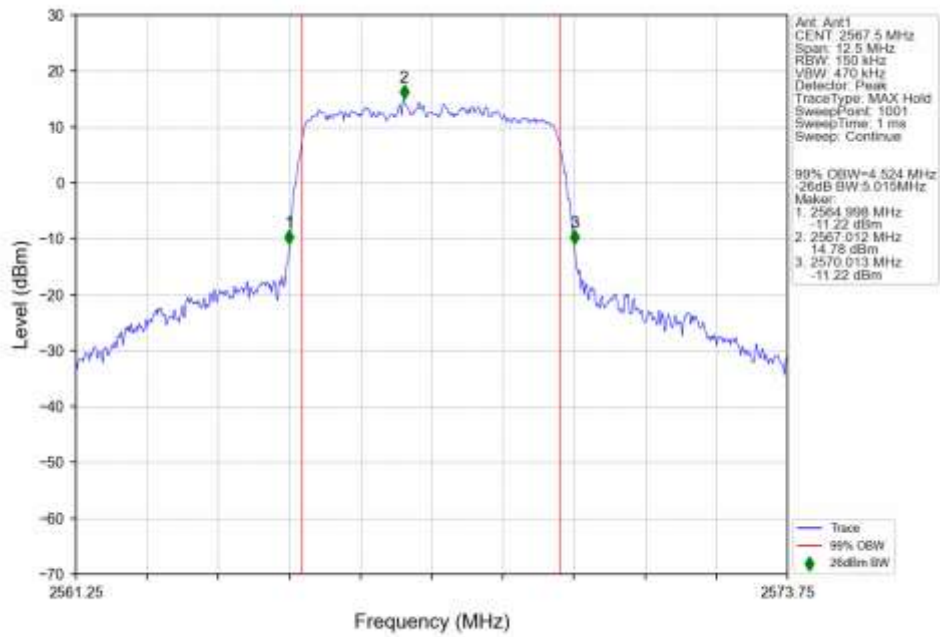
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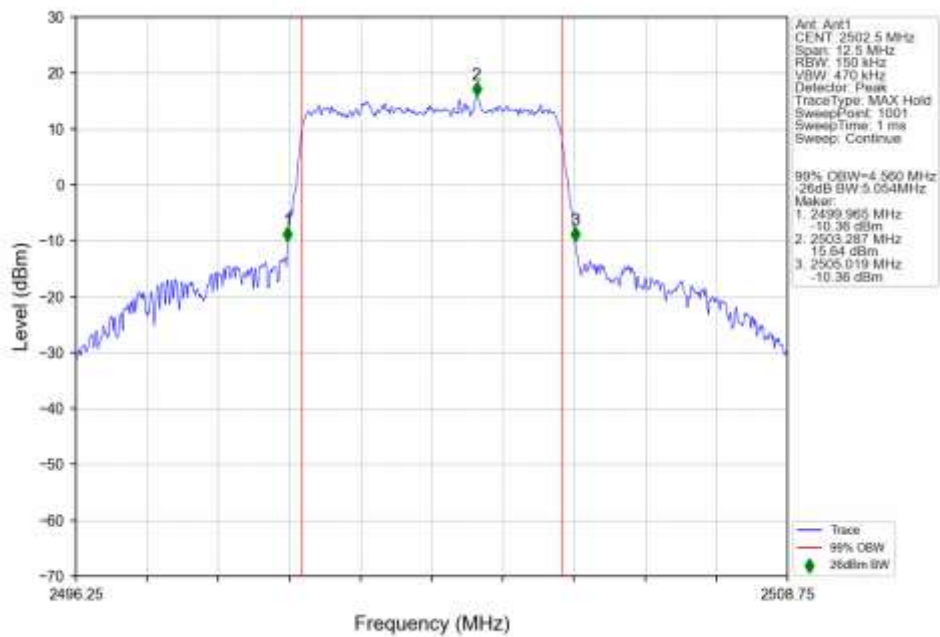
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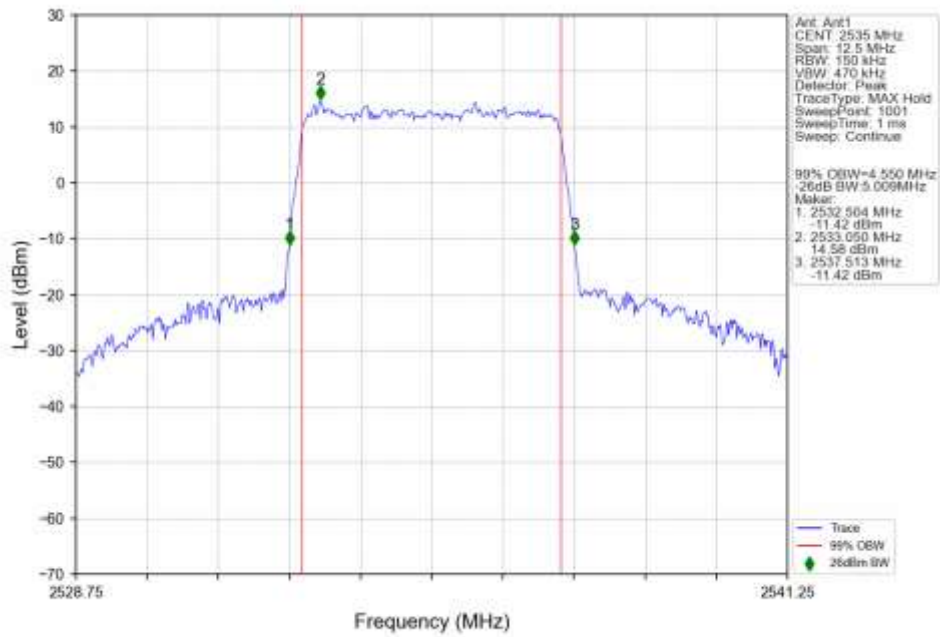
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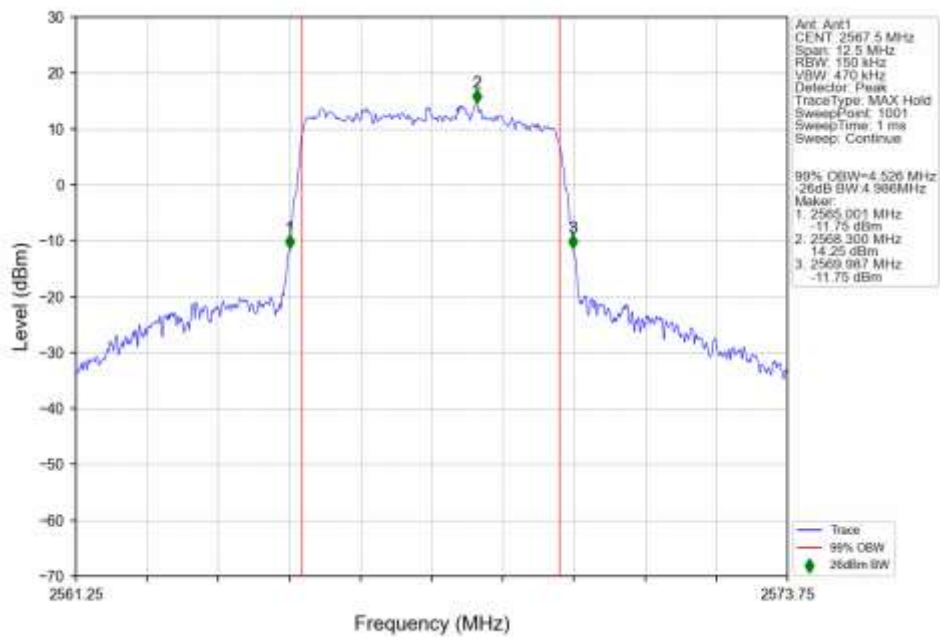
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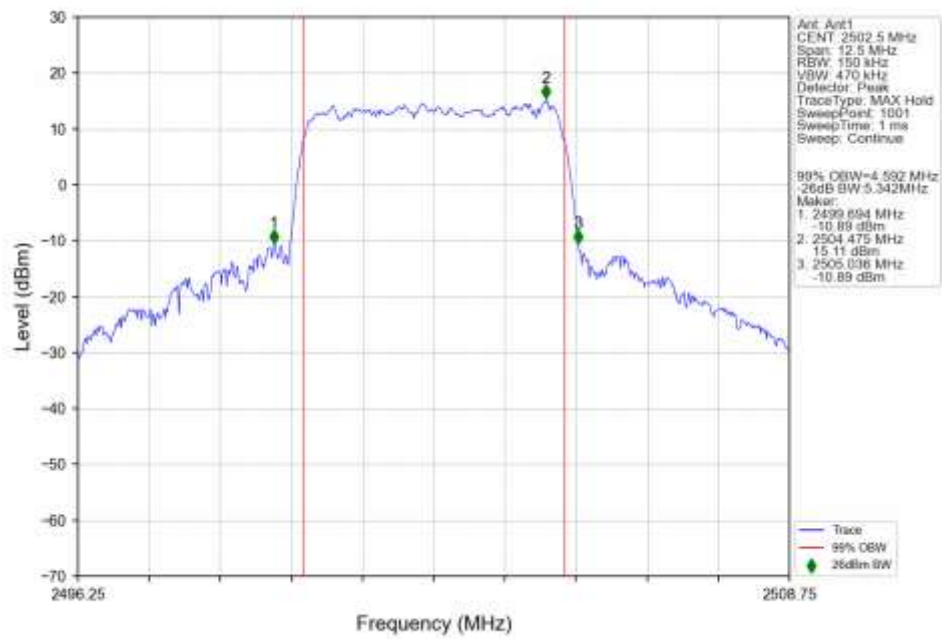
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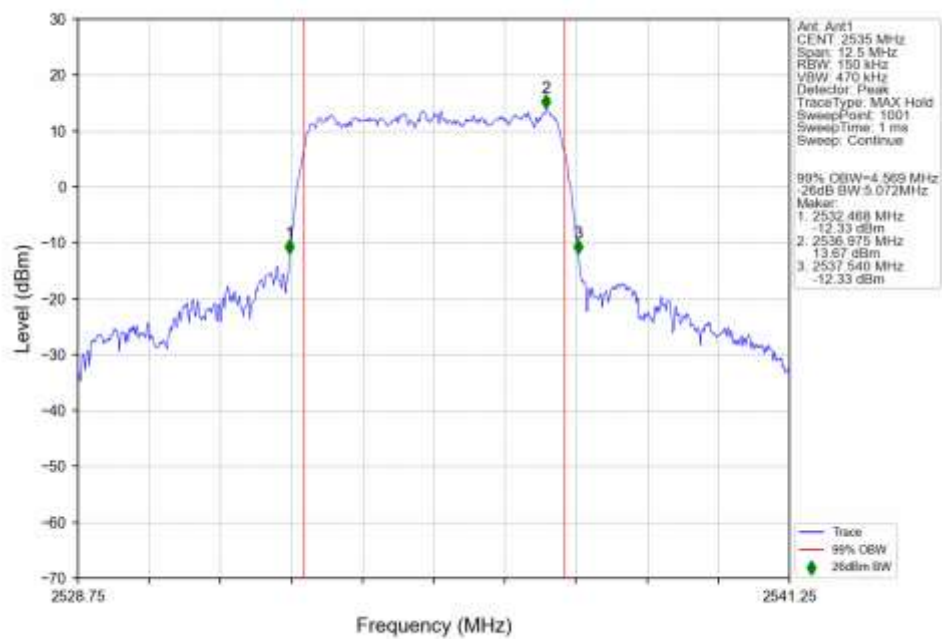
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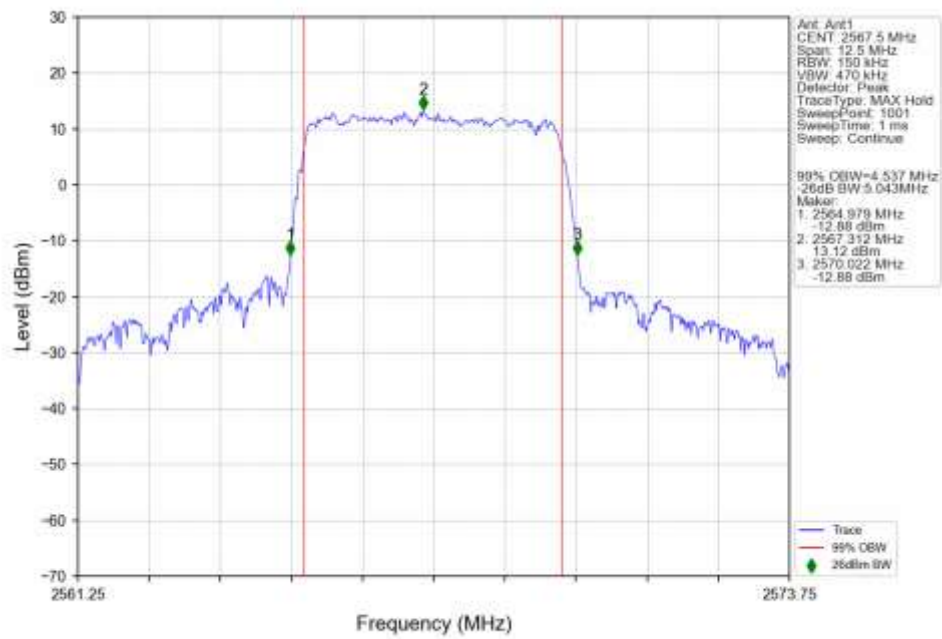
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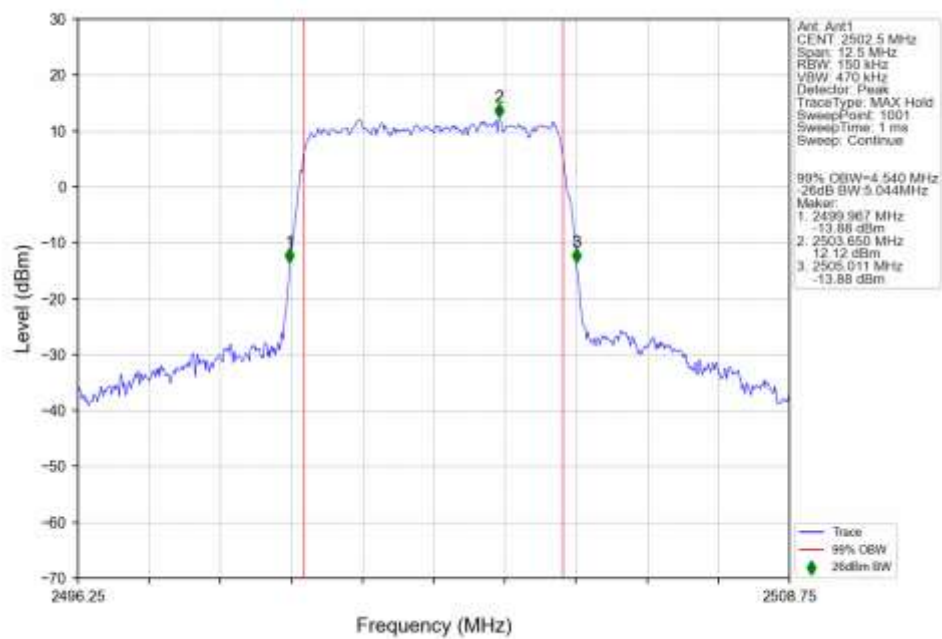
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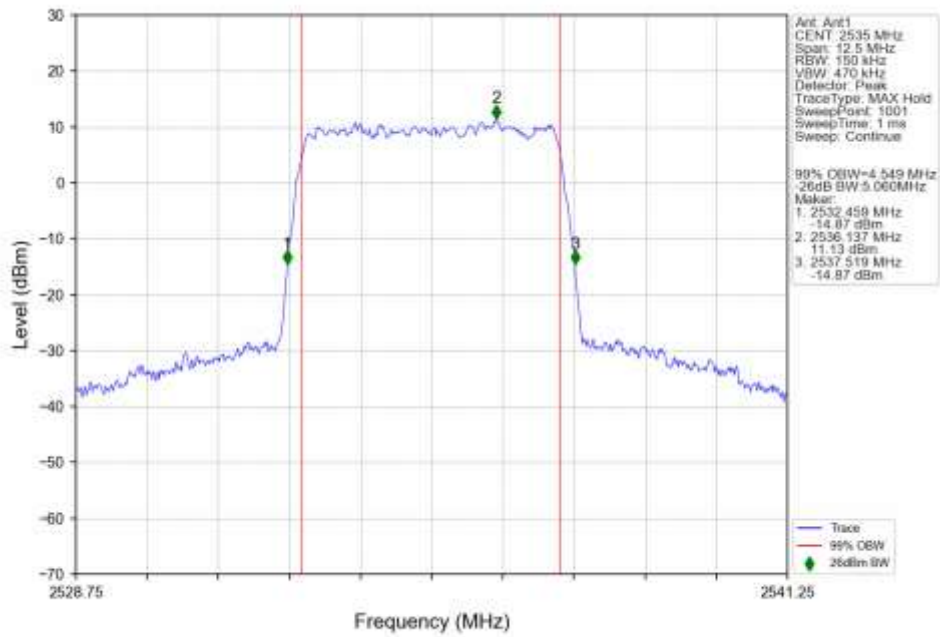
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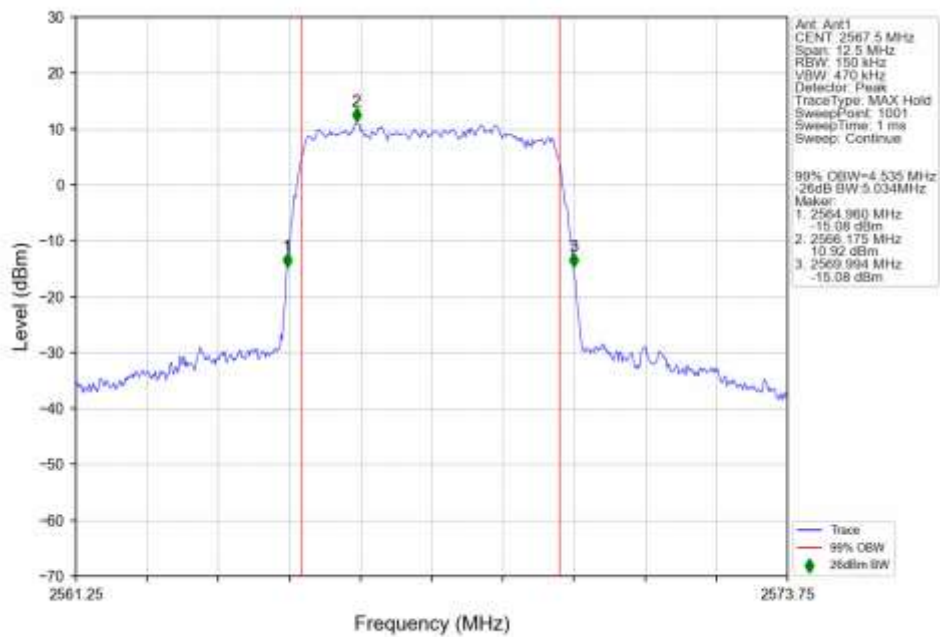
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n7 15kHz SISO NTN 5MHz CP-OFDM 256 QAM 2535MHz Outer Full Ant1

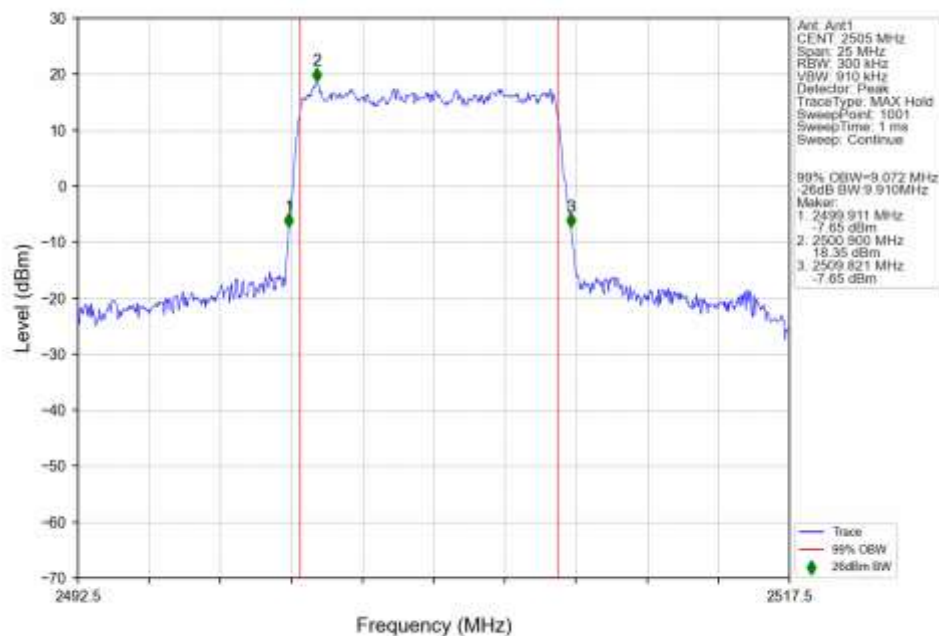


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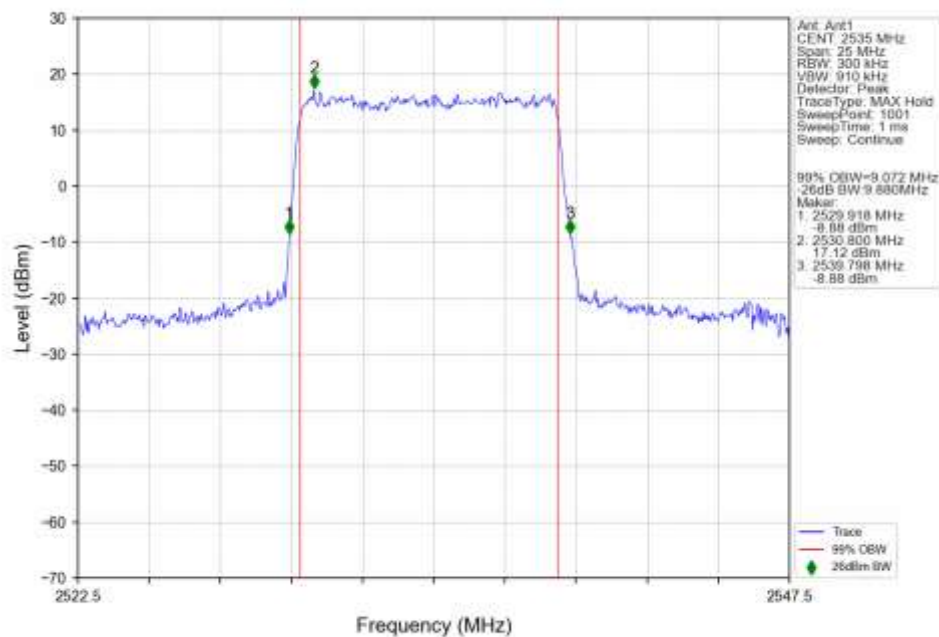


4.2.2 15k_SISO_10MHz_NTNV

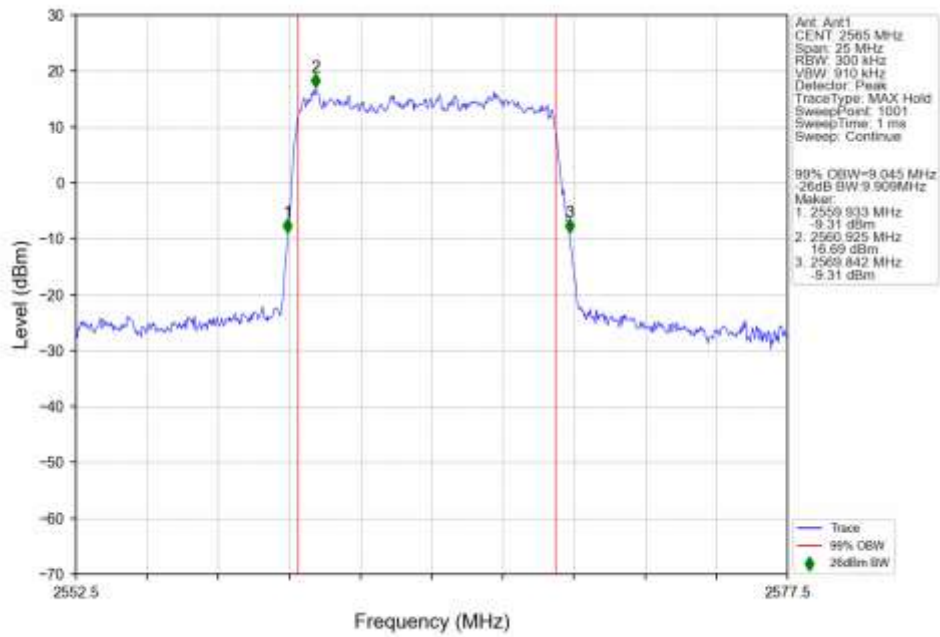
n7_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM_QPSK_2505MHz_Outer_Full_Ant1



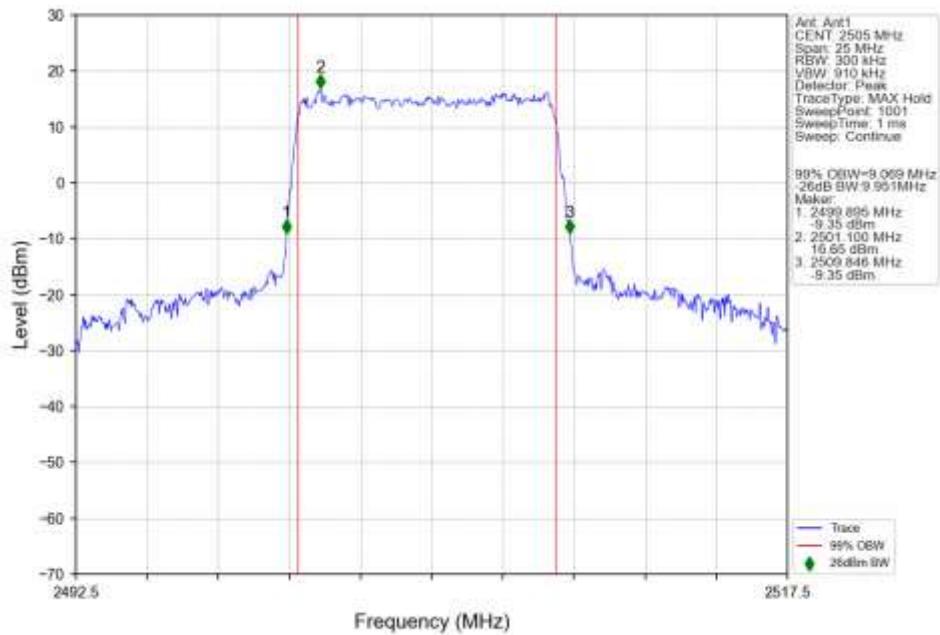
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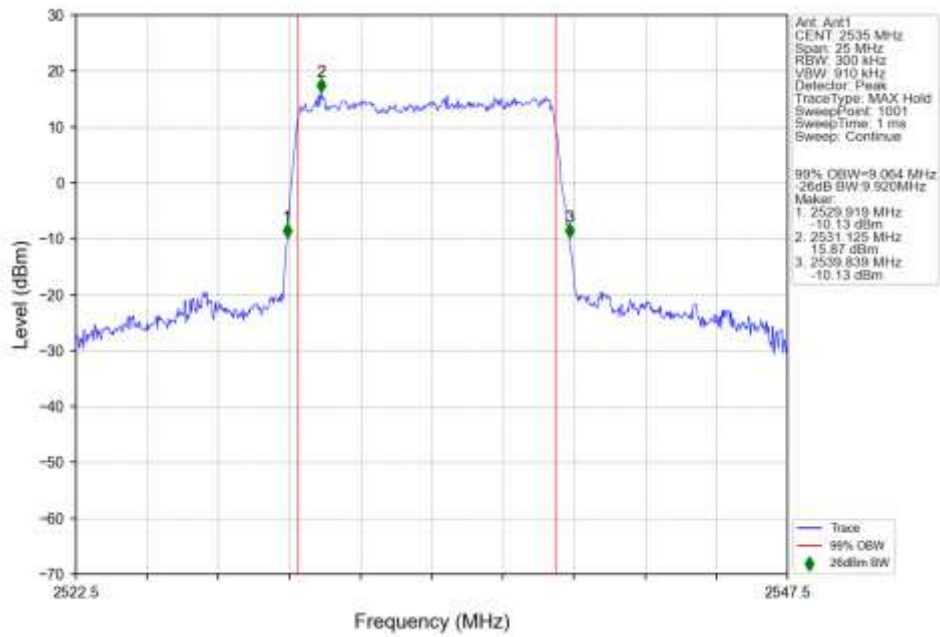
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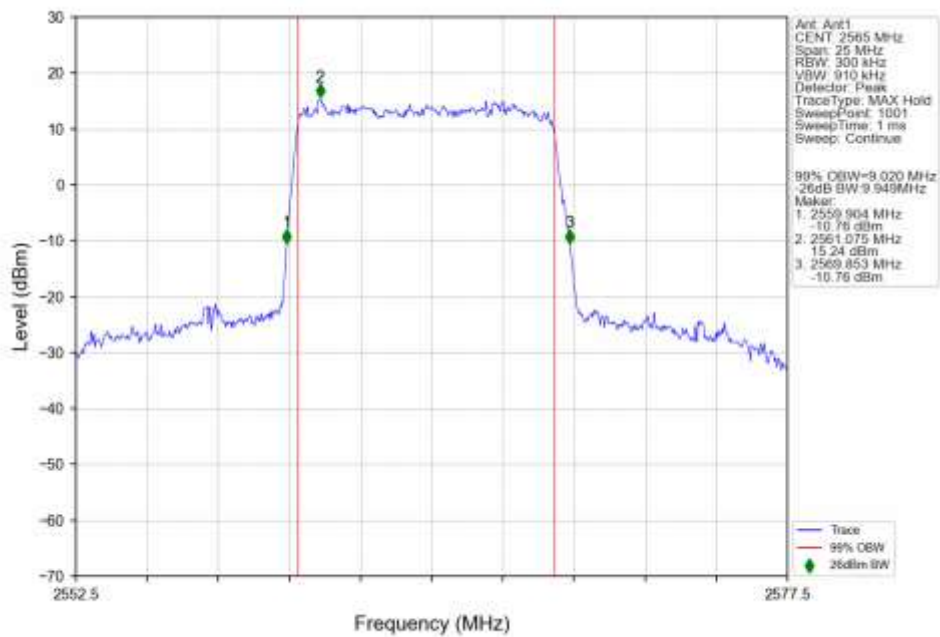
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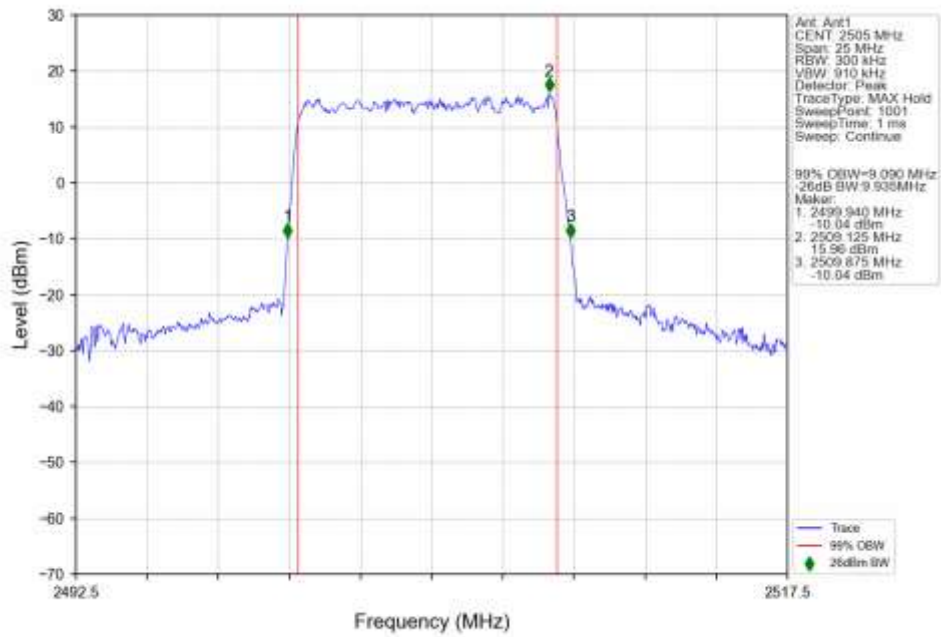
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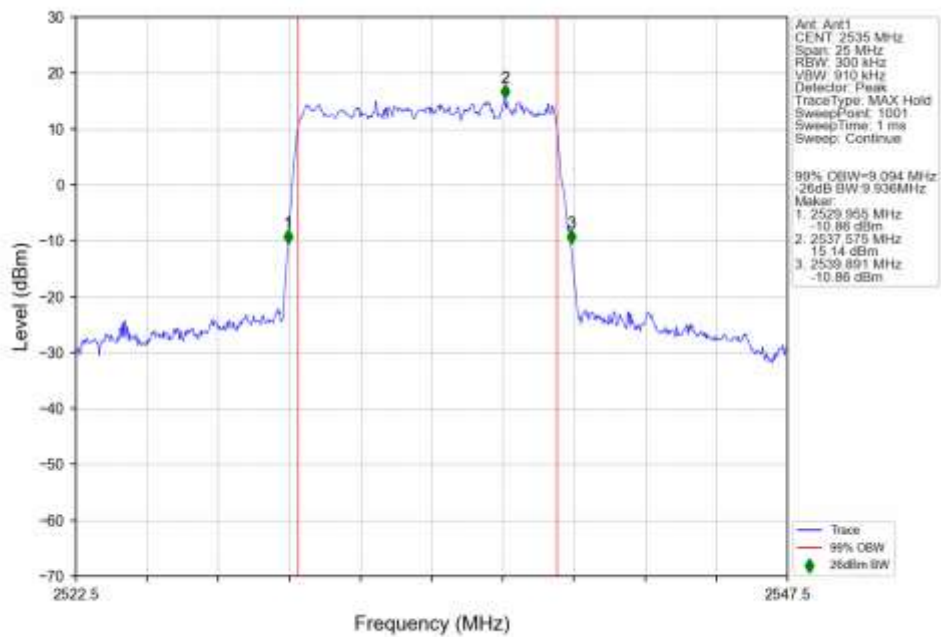
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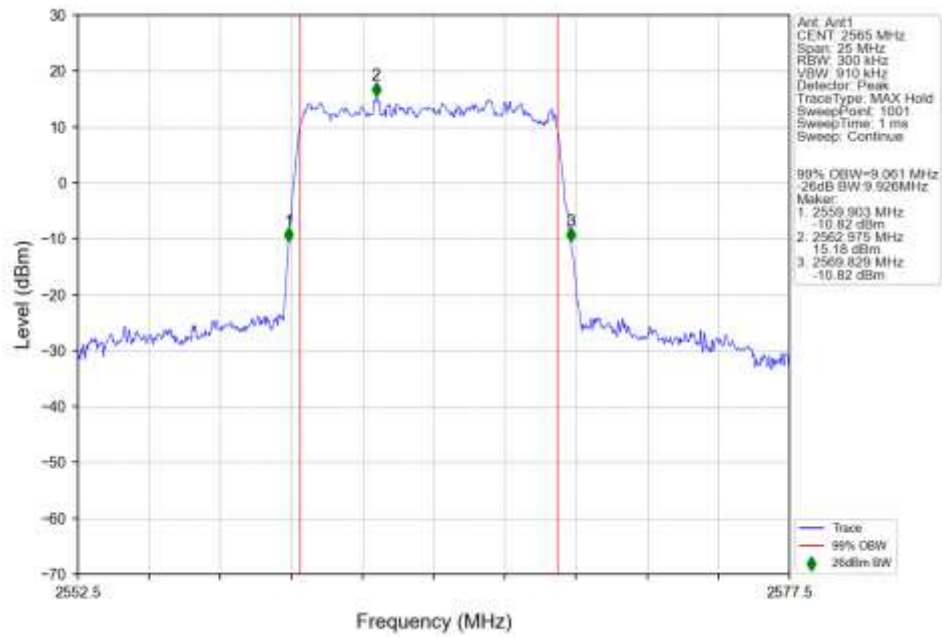
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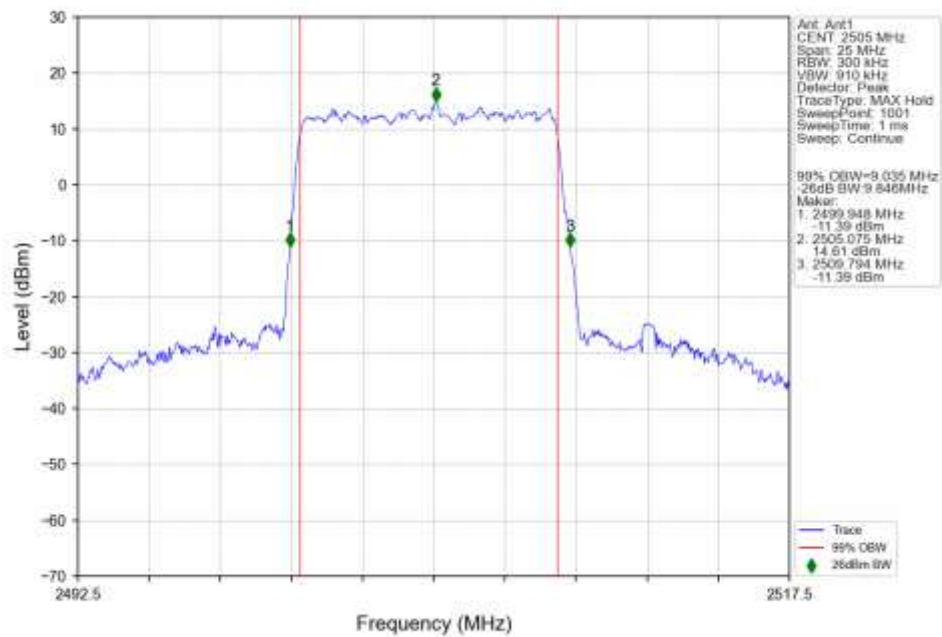
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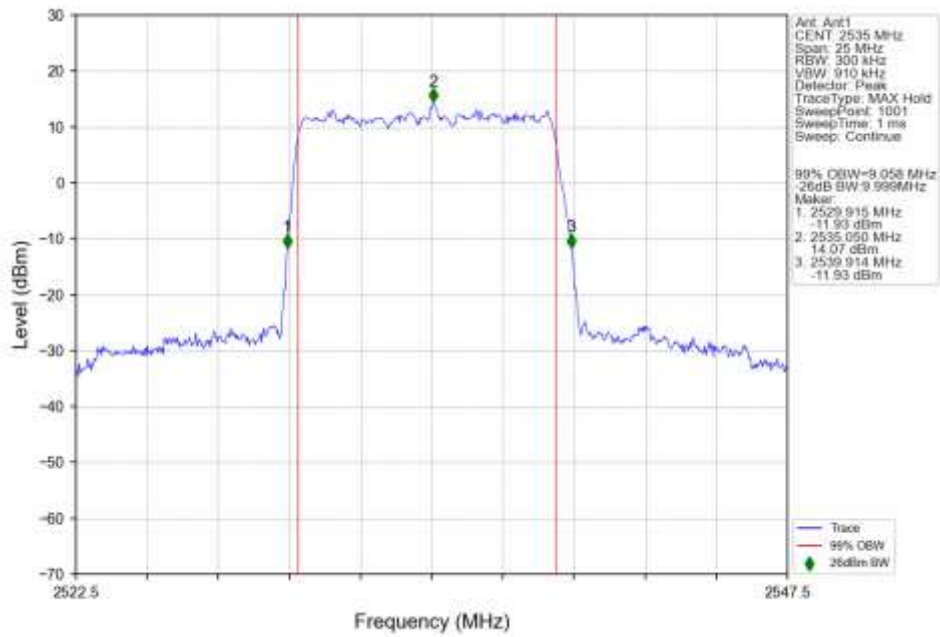
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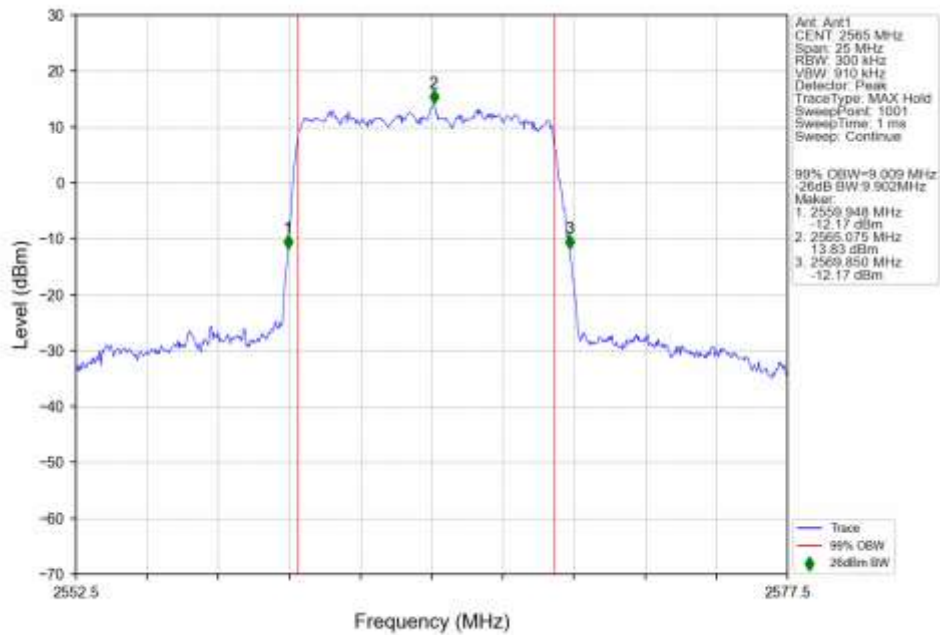
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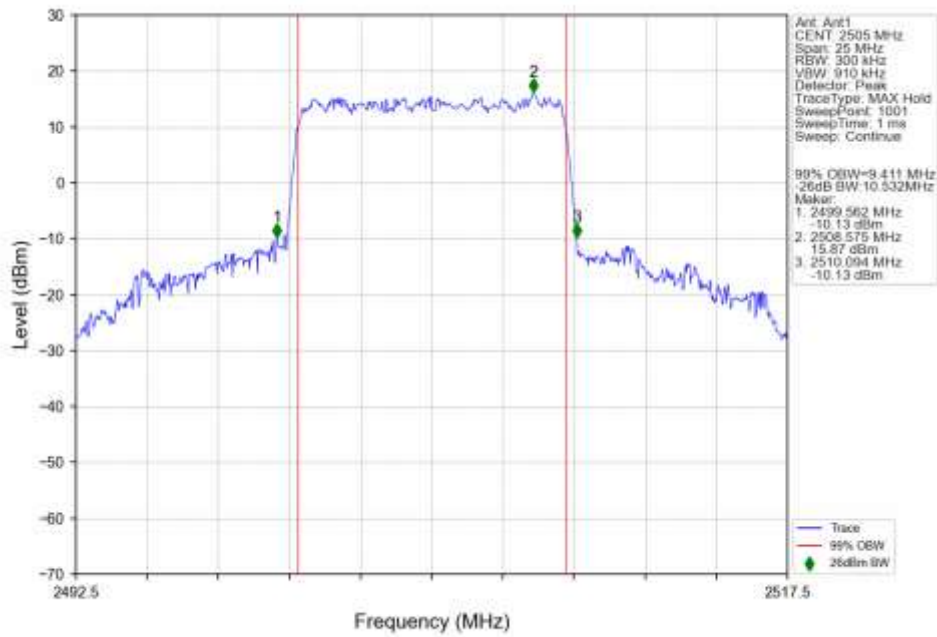
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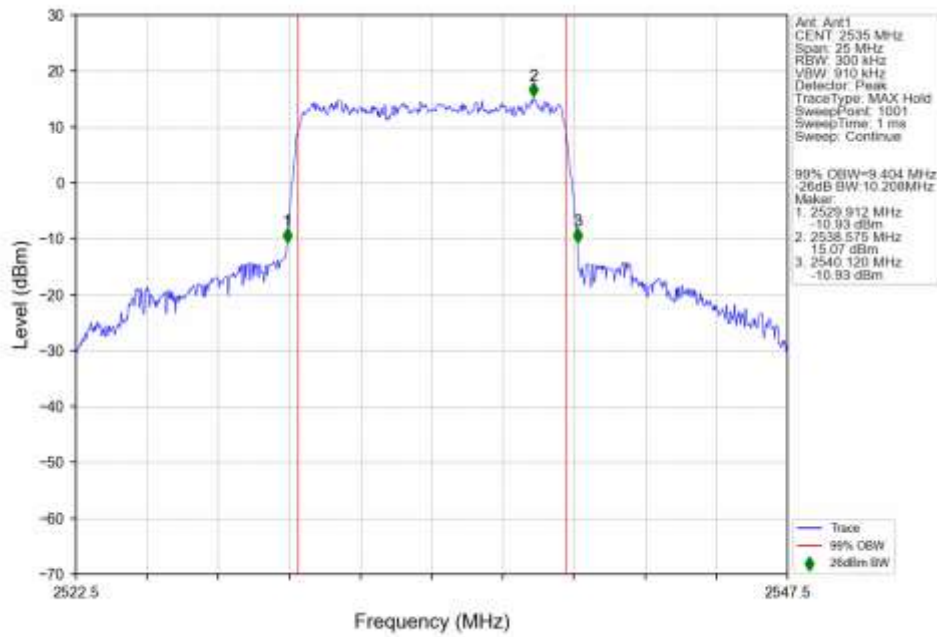
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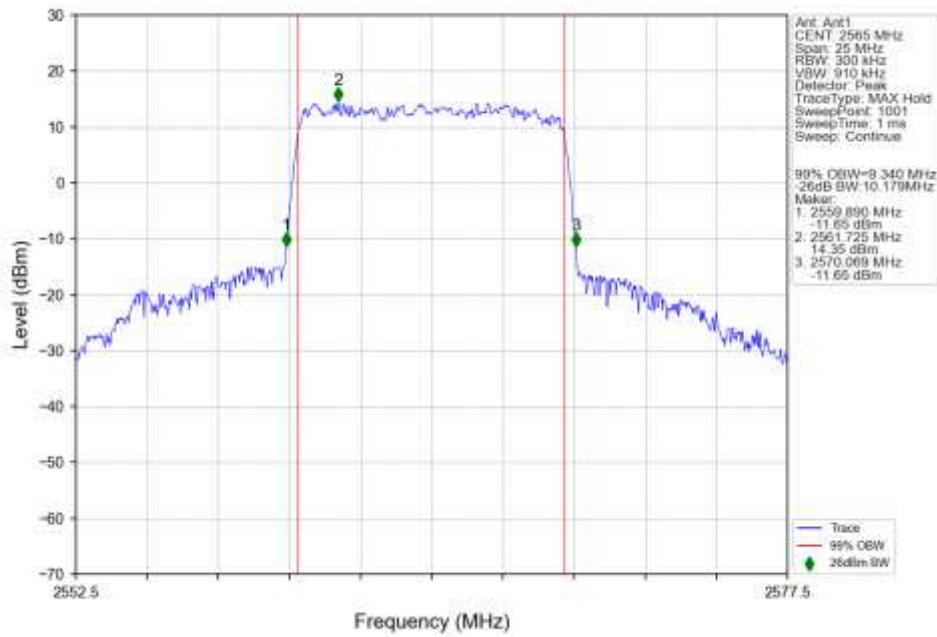
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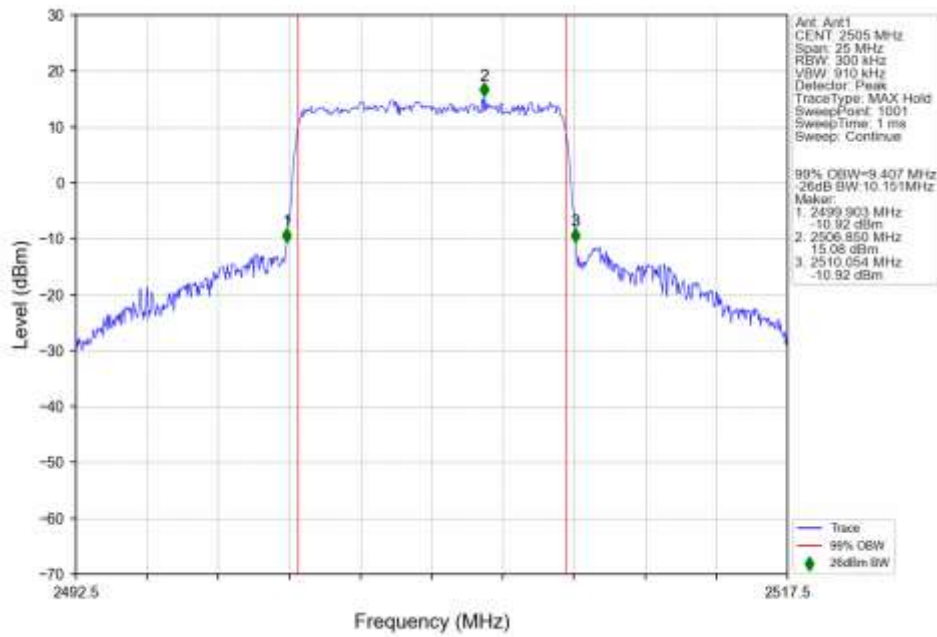
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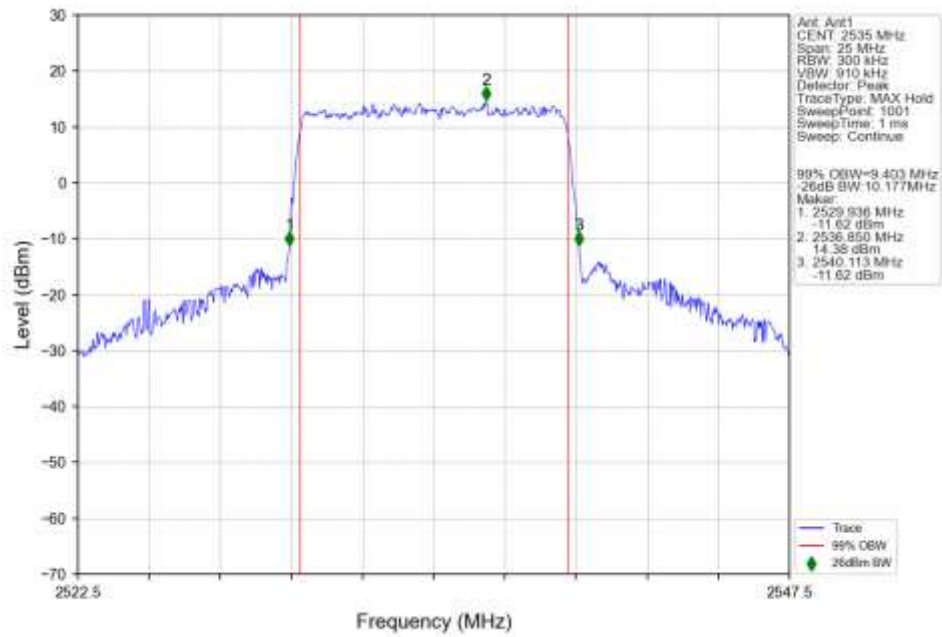
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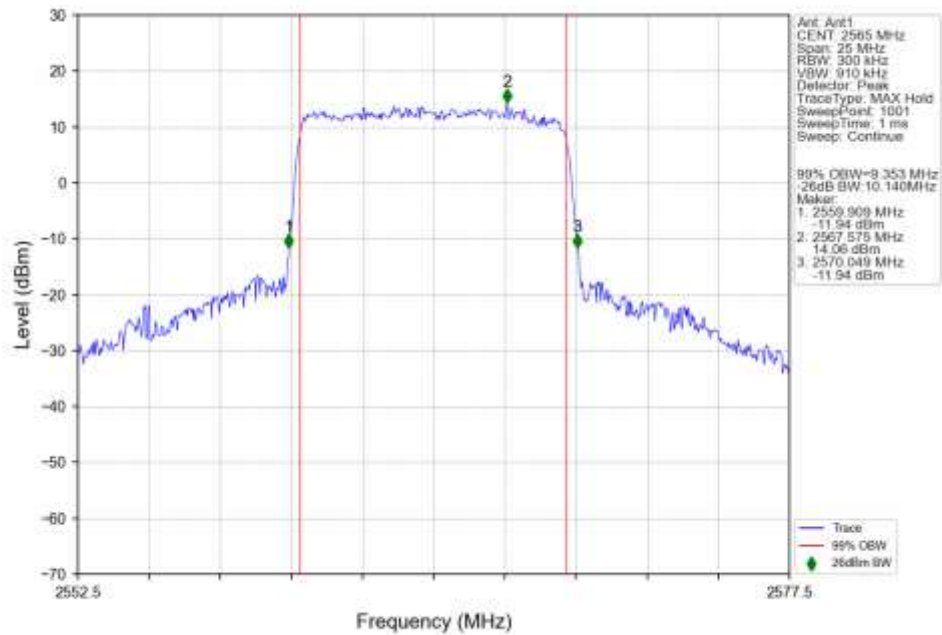
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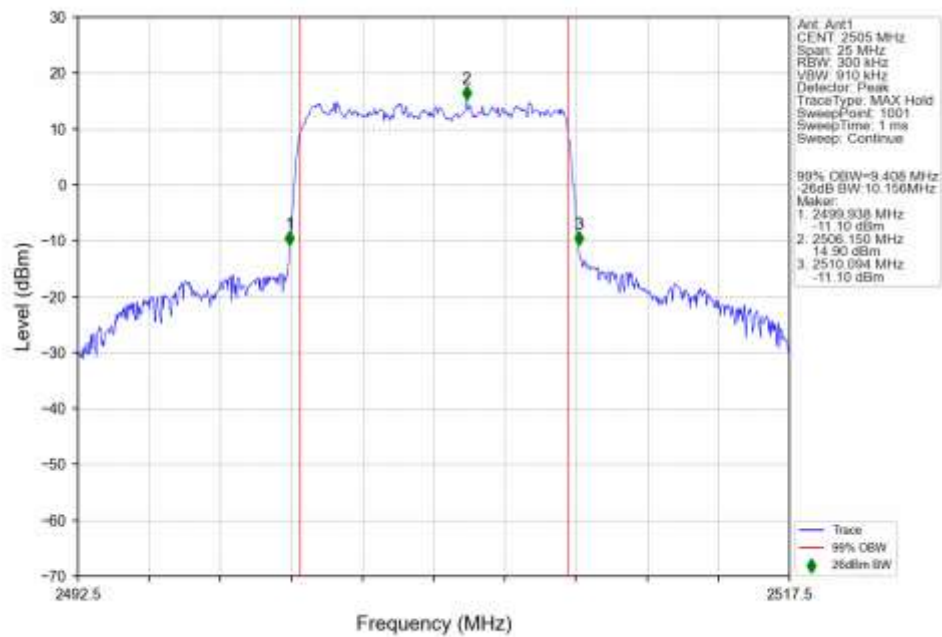
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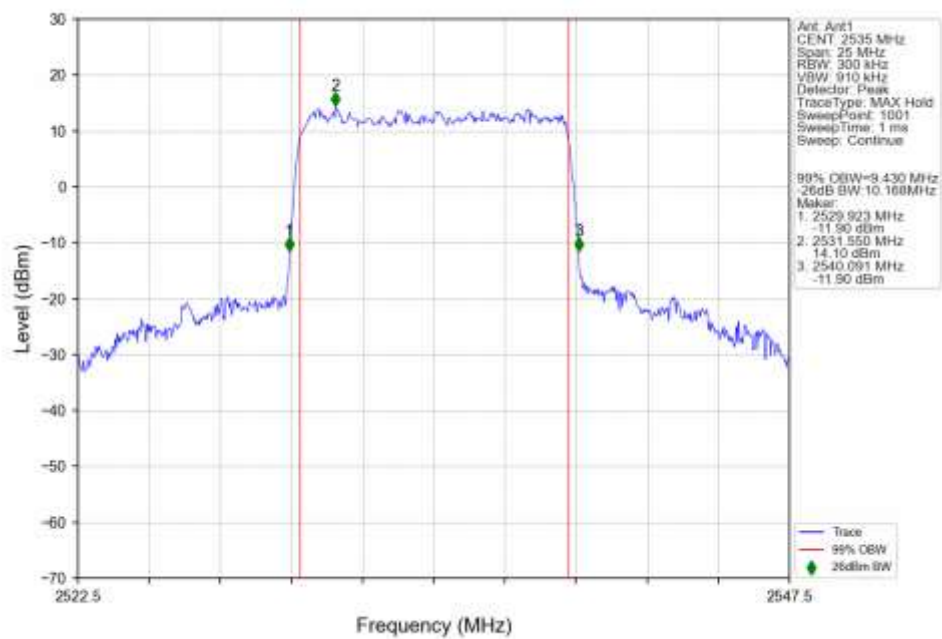
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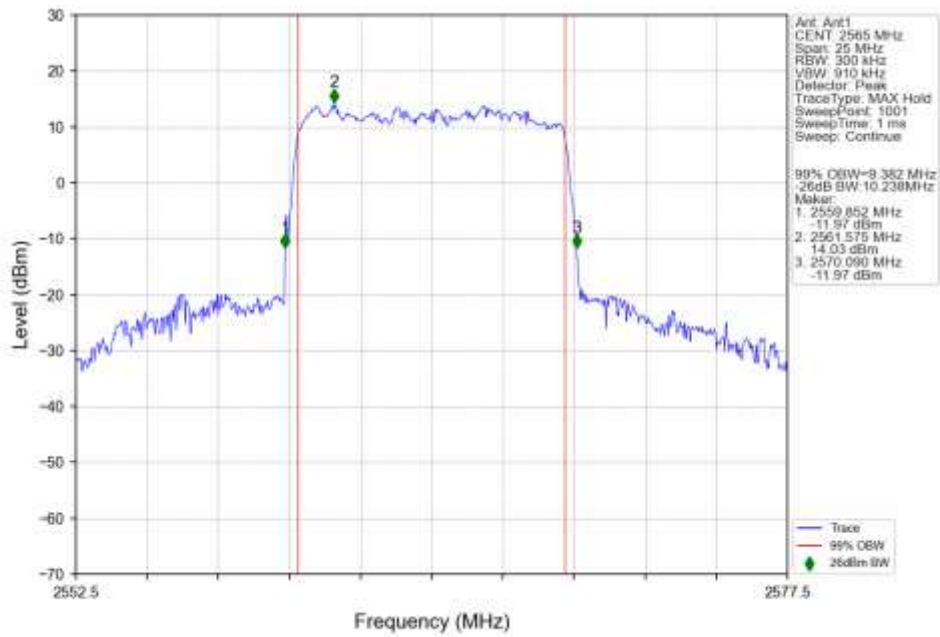
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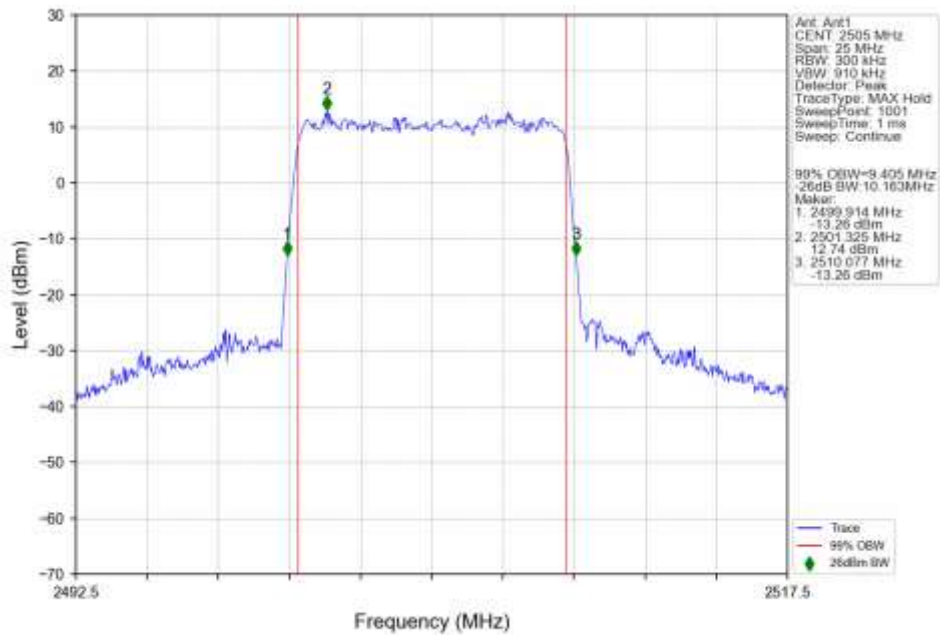
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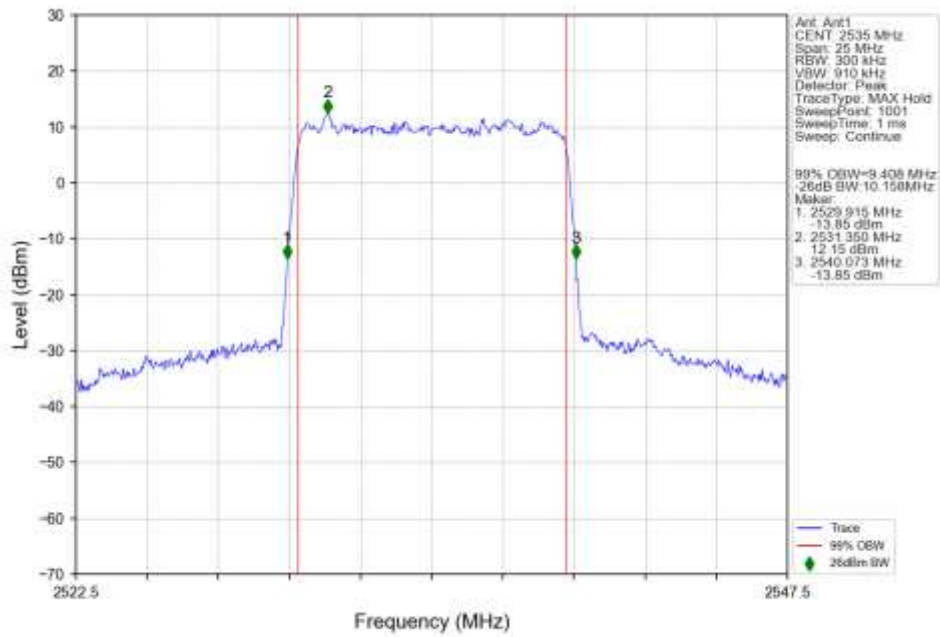
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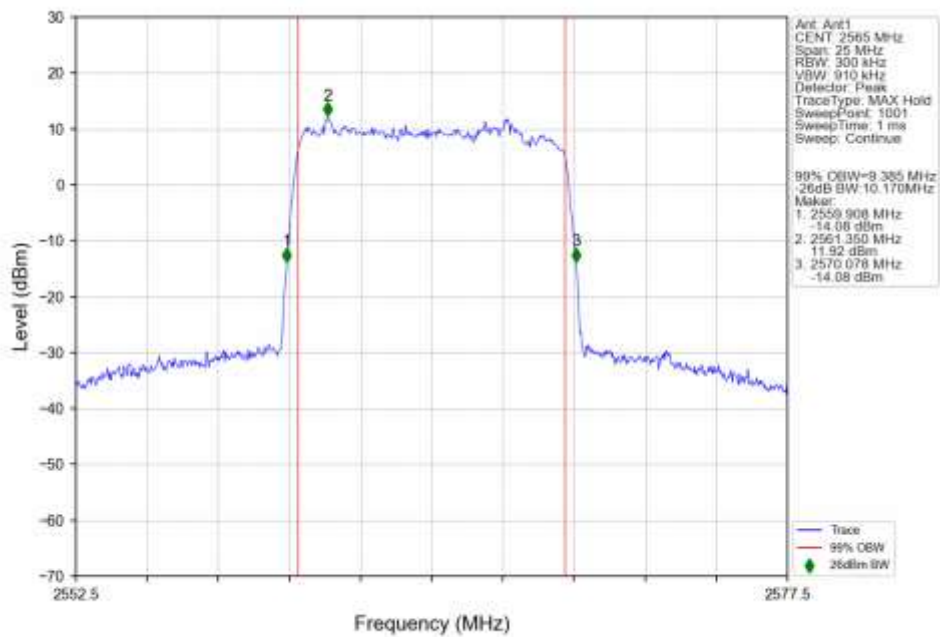
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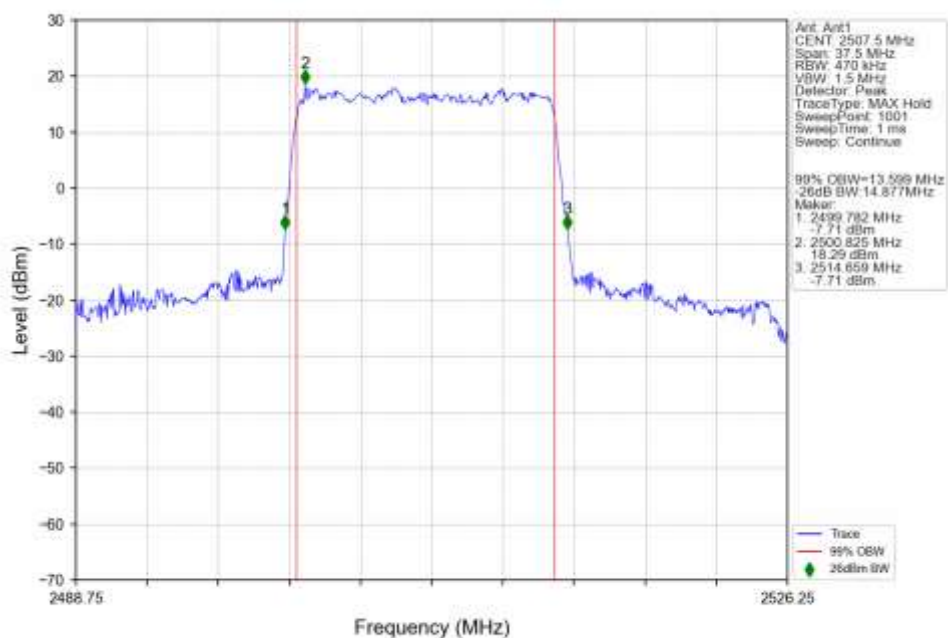


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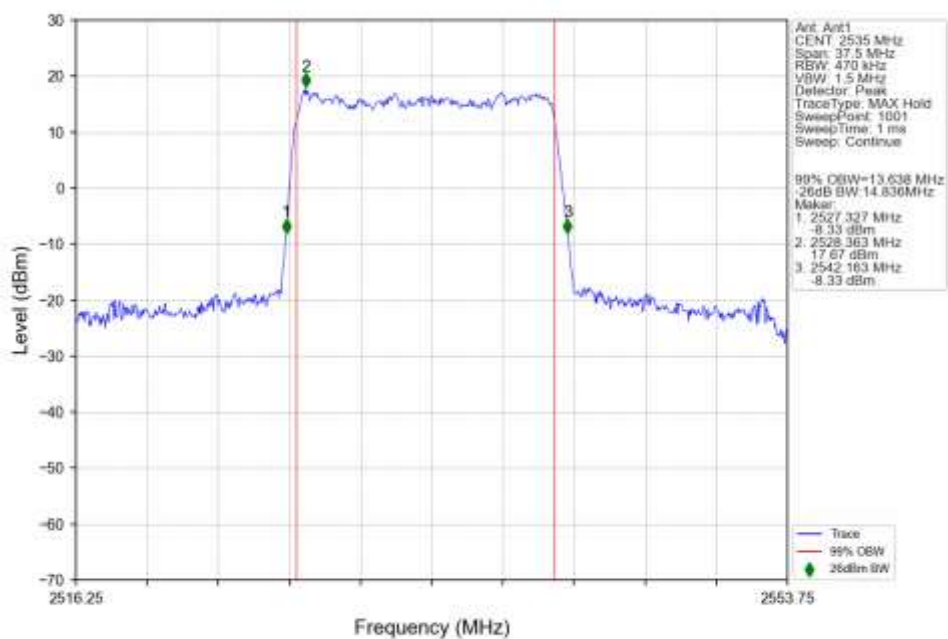


4.2.3 15k_SISO_15MHz_NTNV

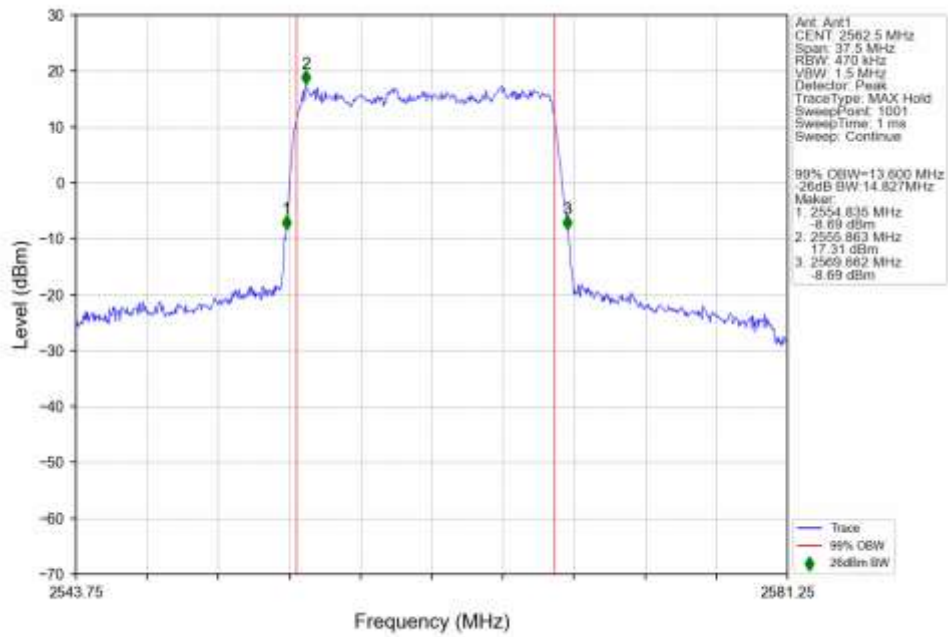
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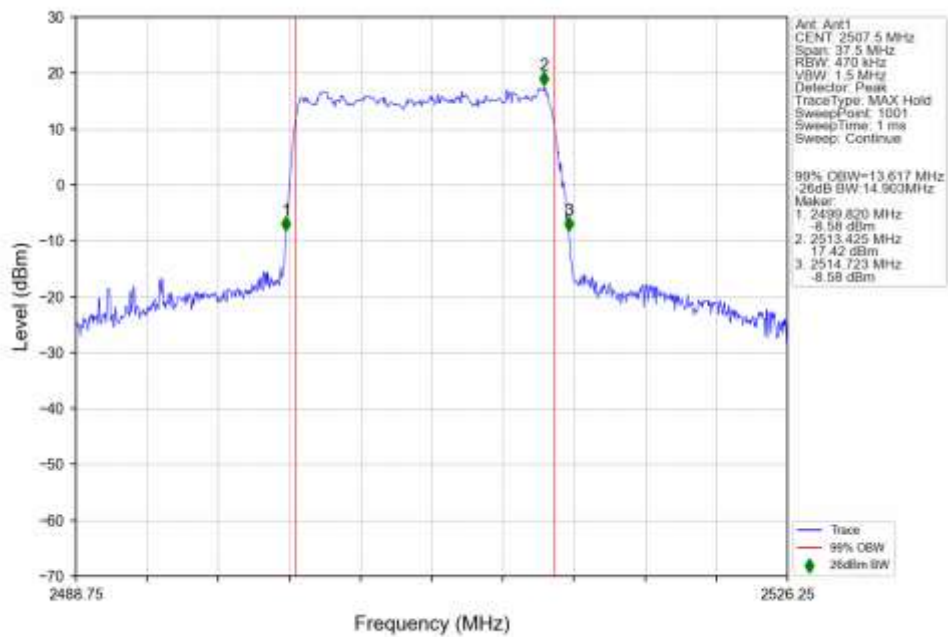
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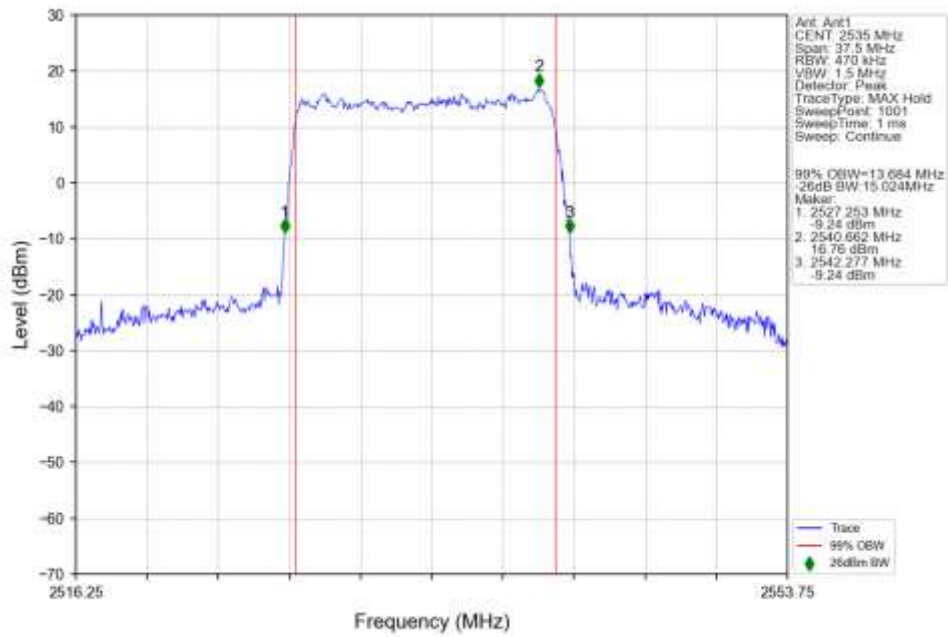
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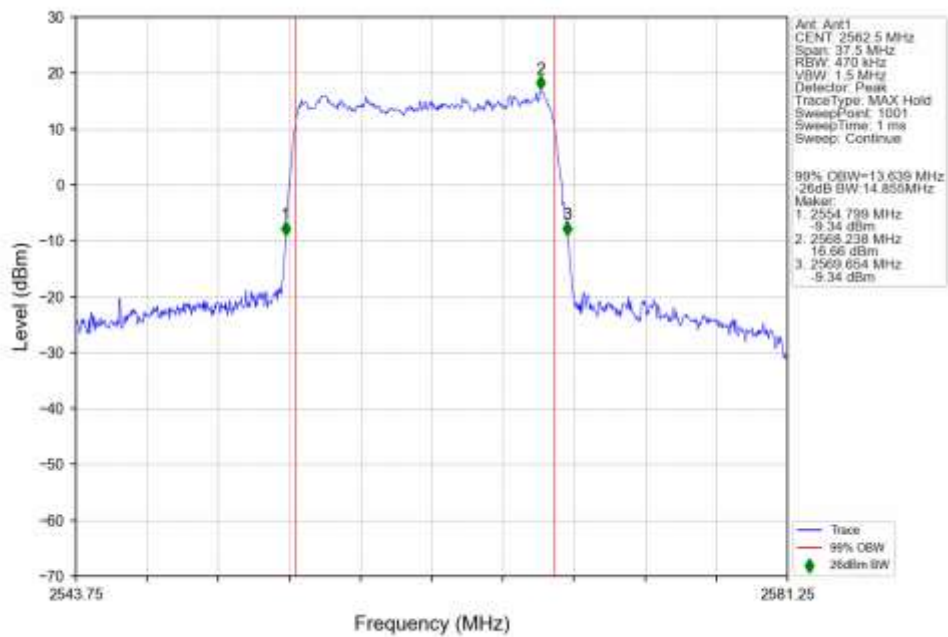
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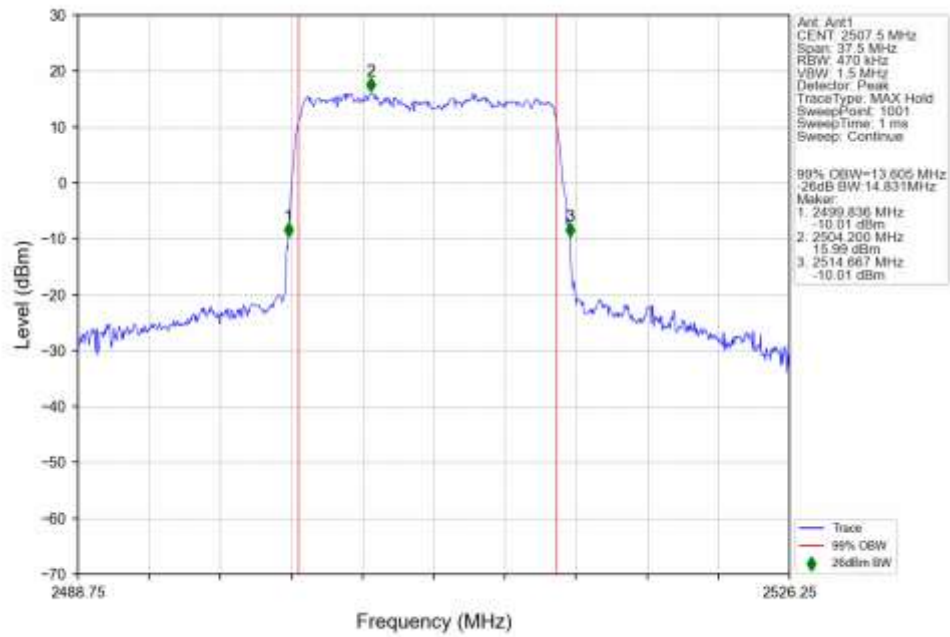
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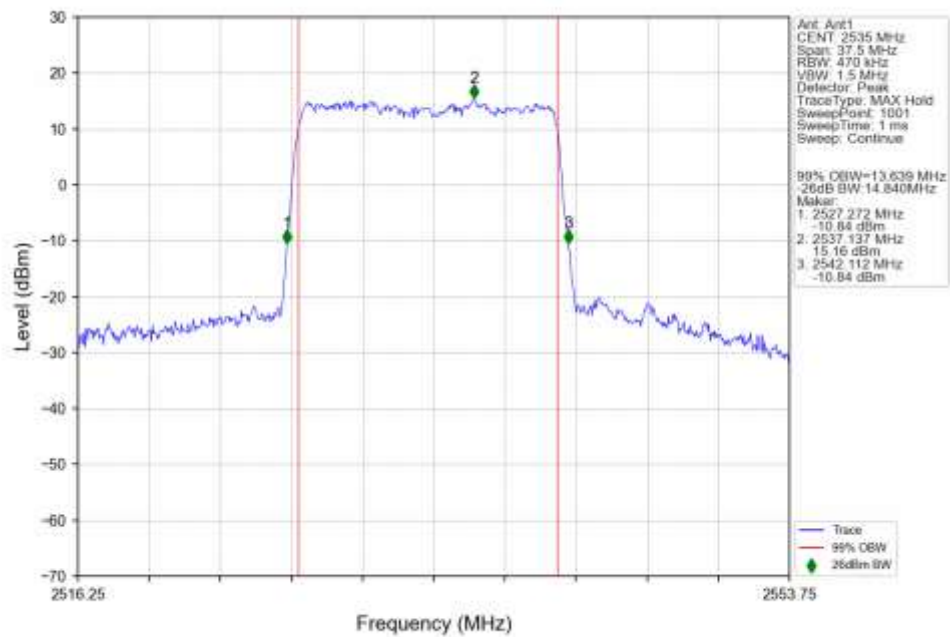
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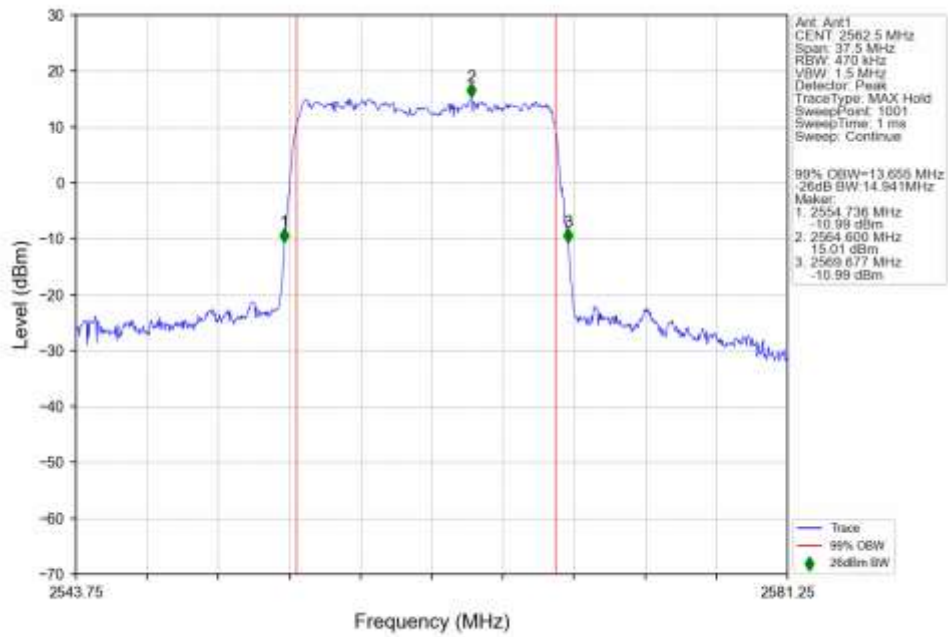
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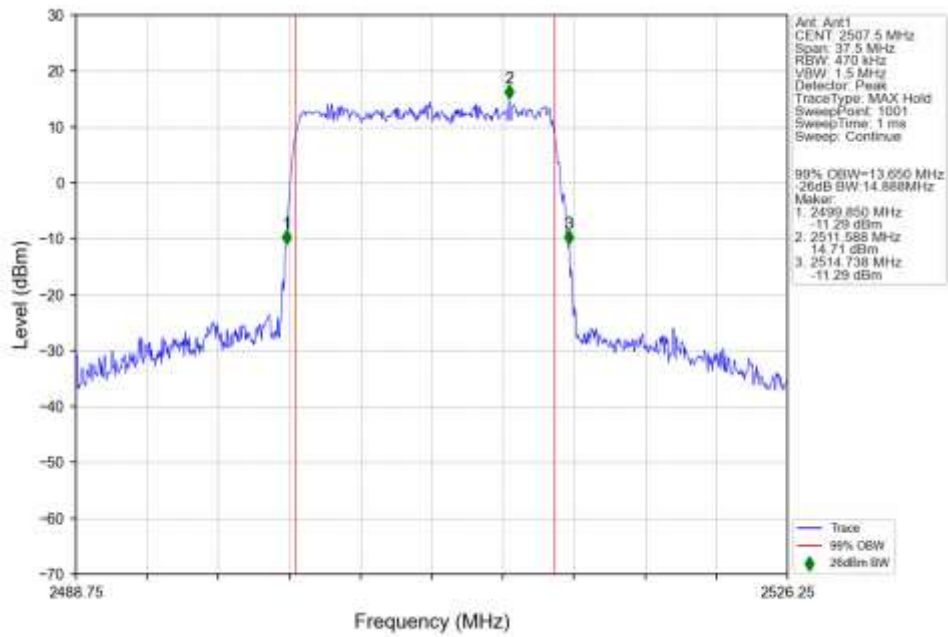
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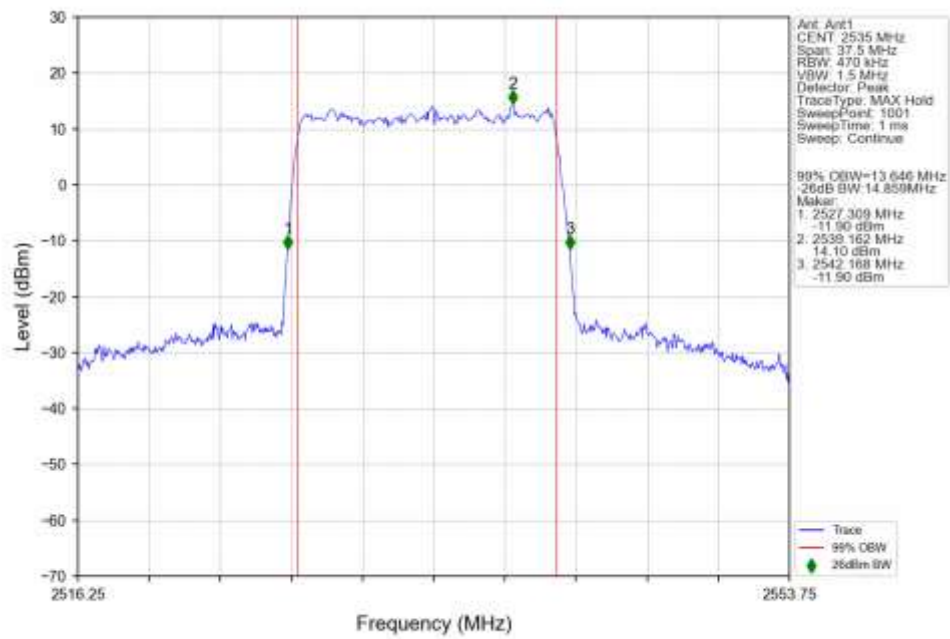
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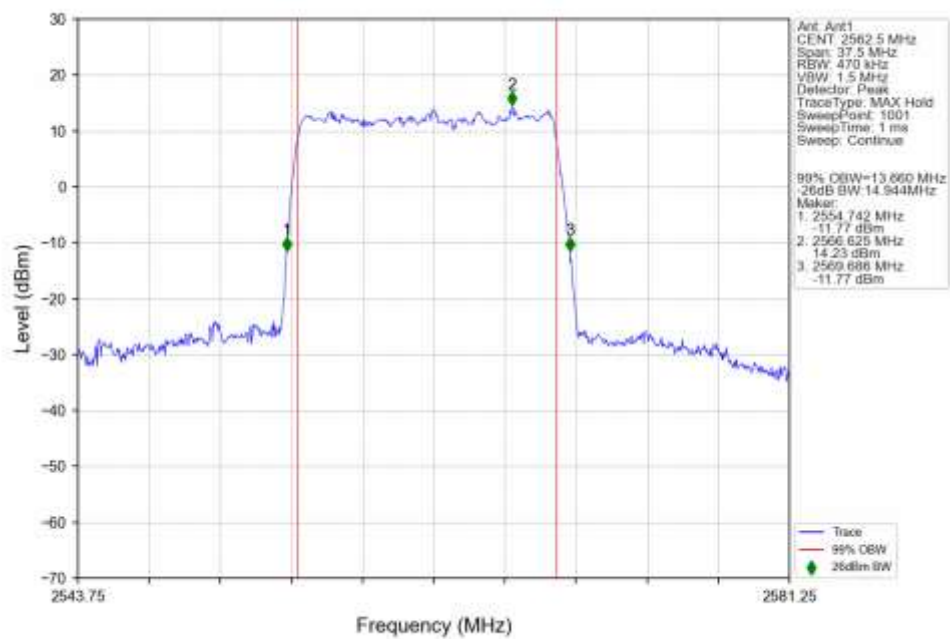
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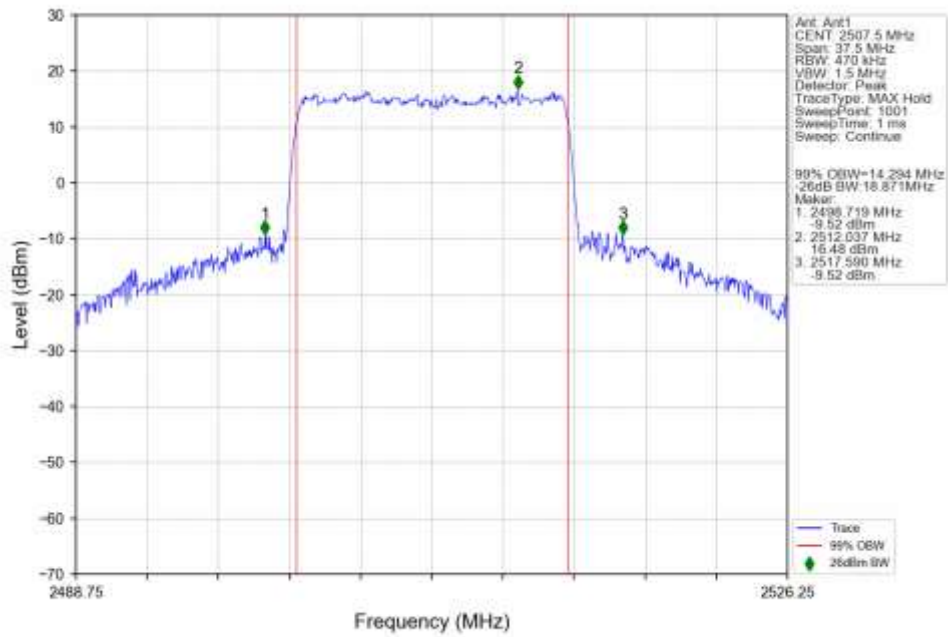
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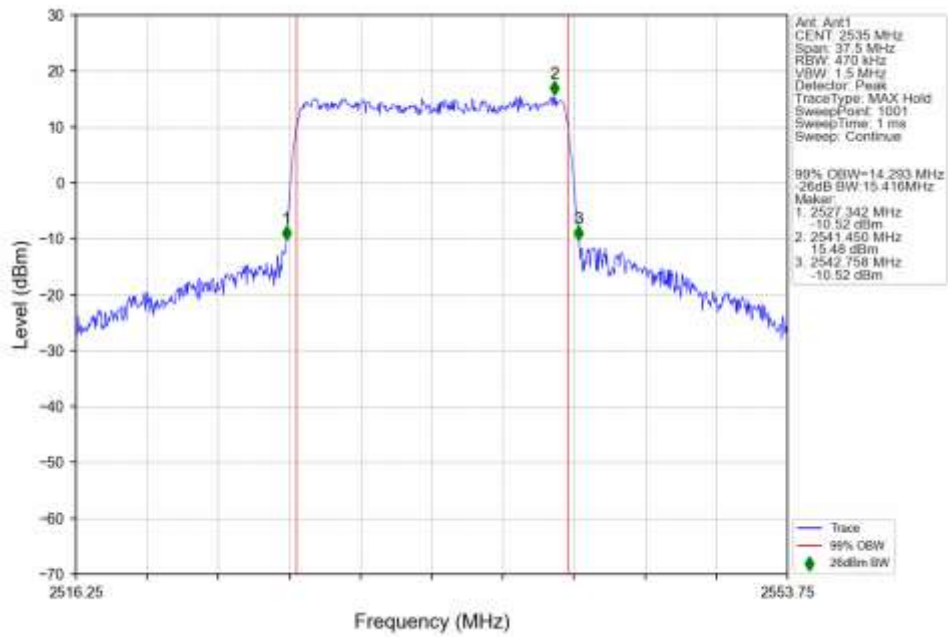
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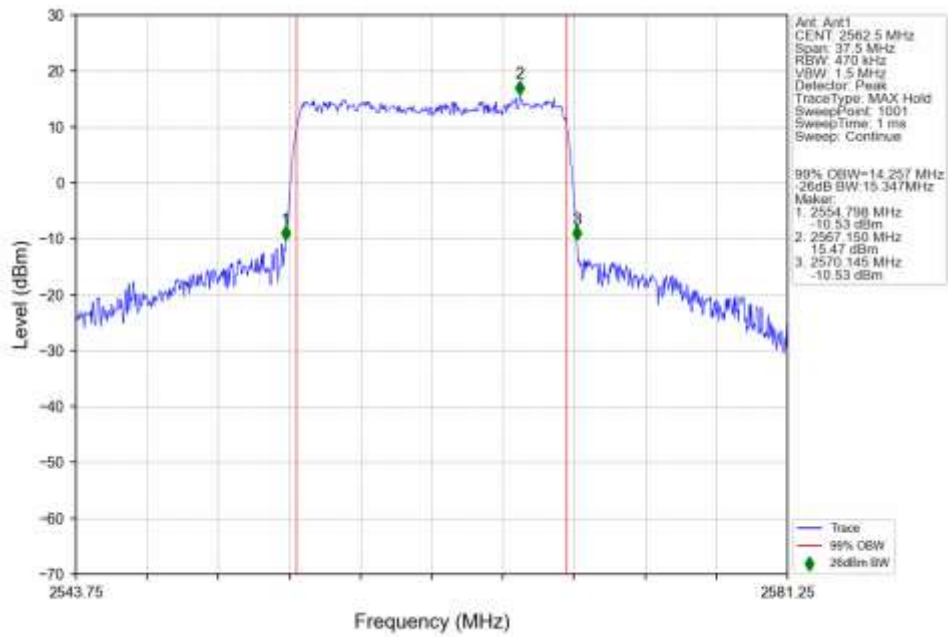
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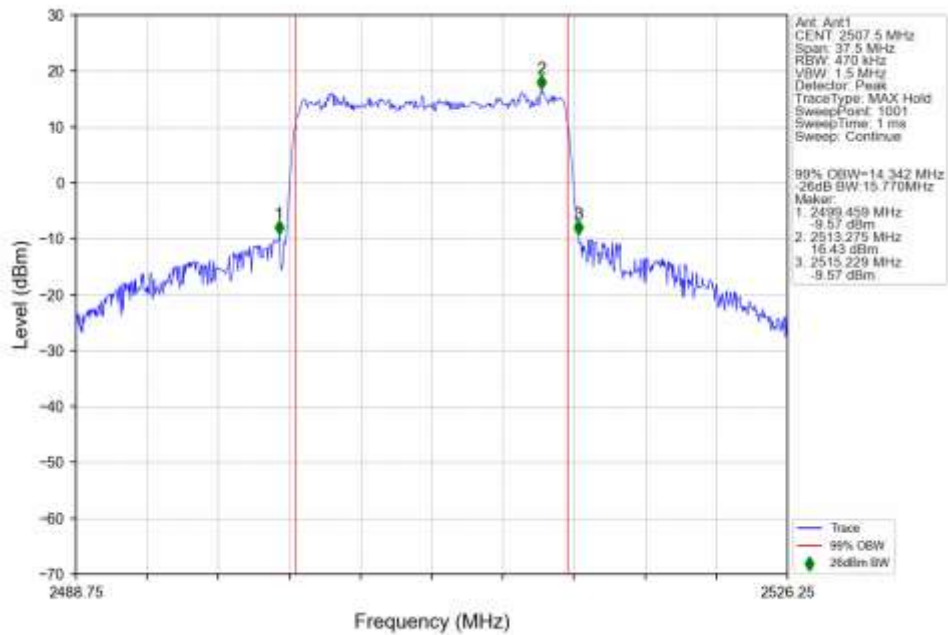
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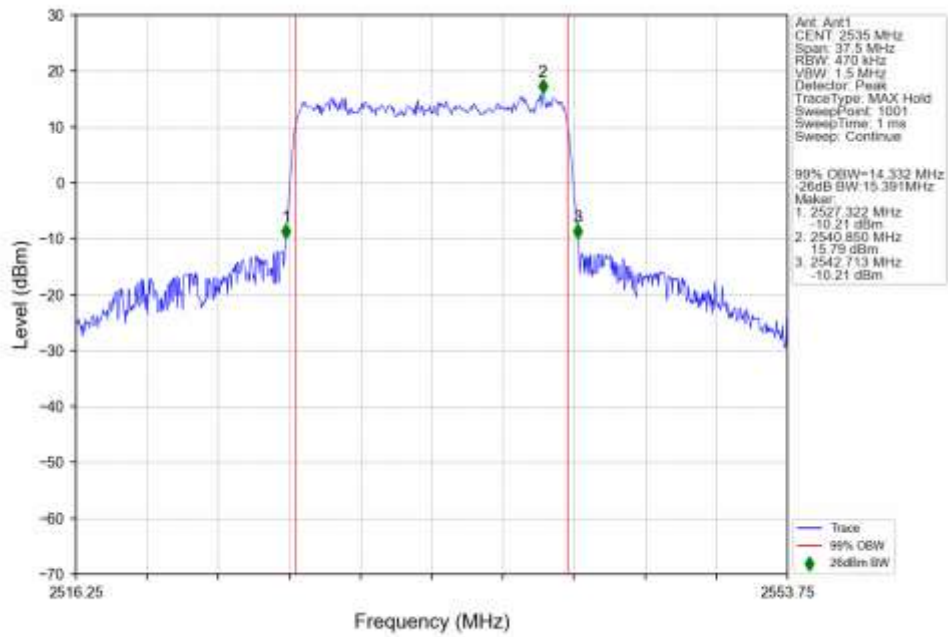
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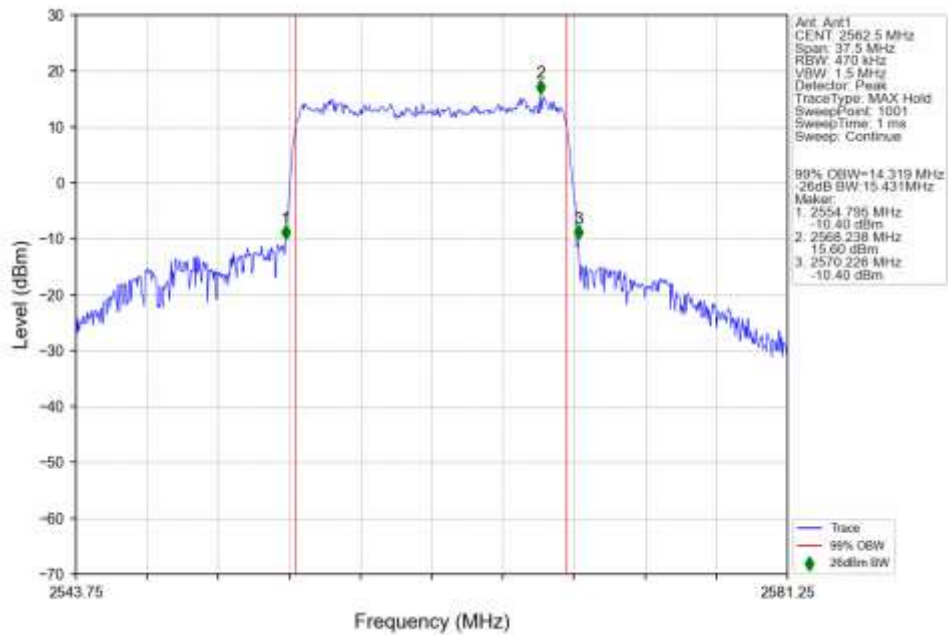
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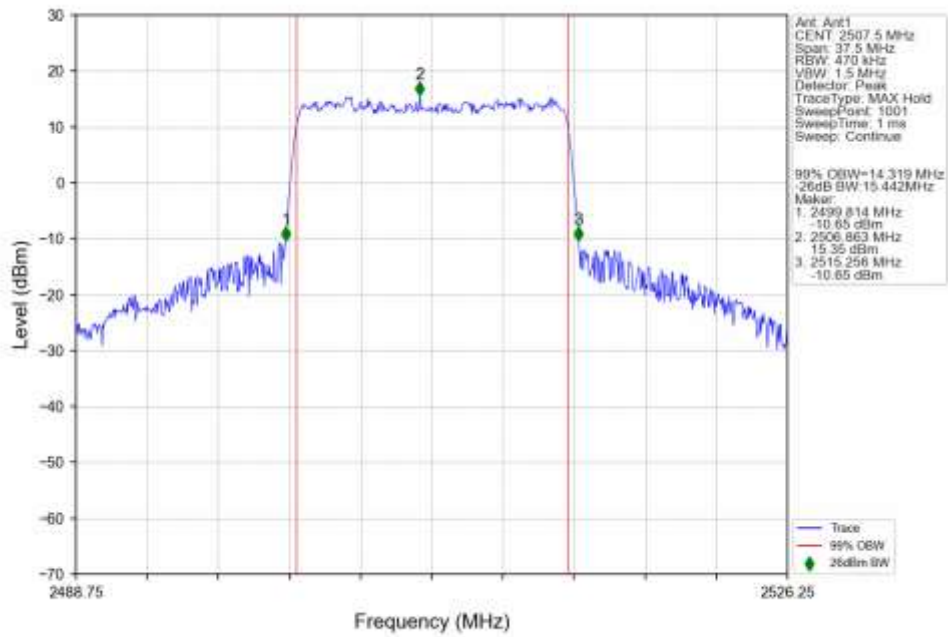
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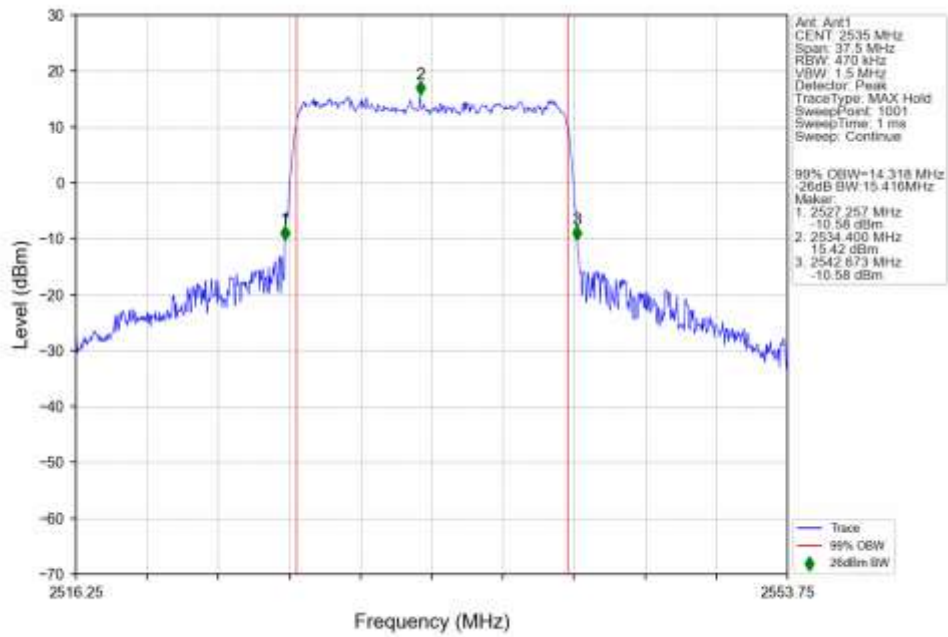
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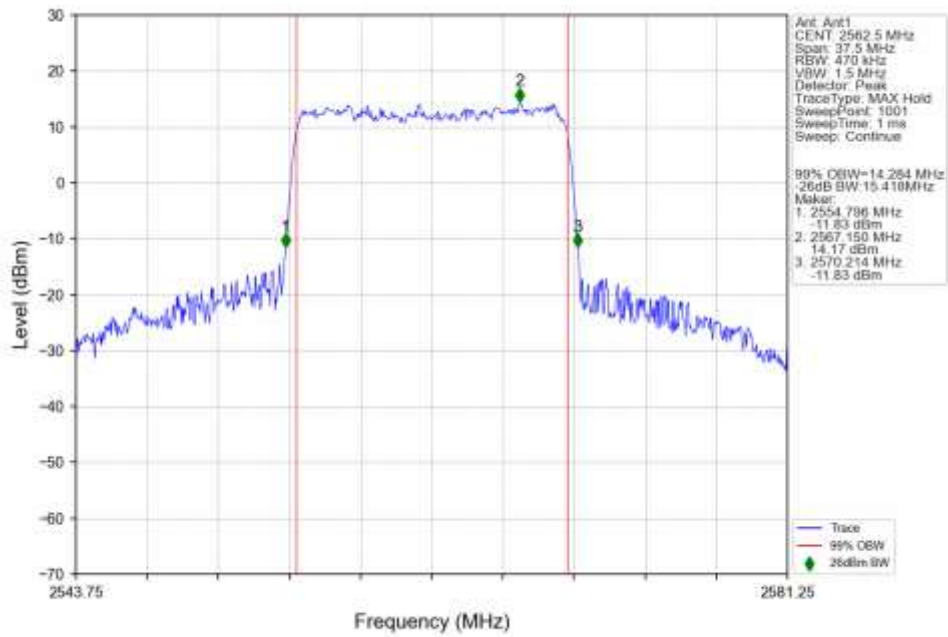
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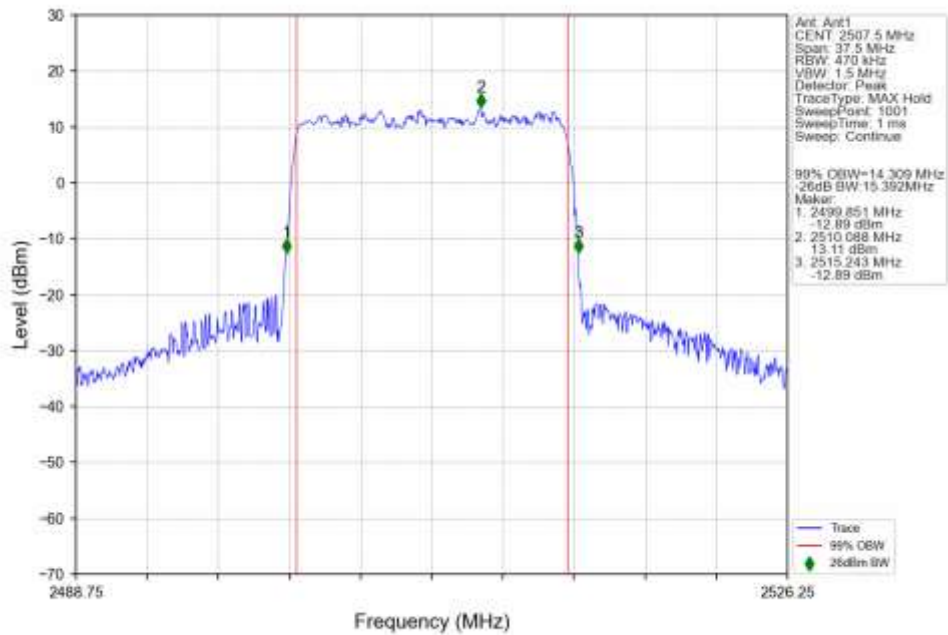
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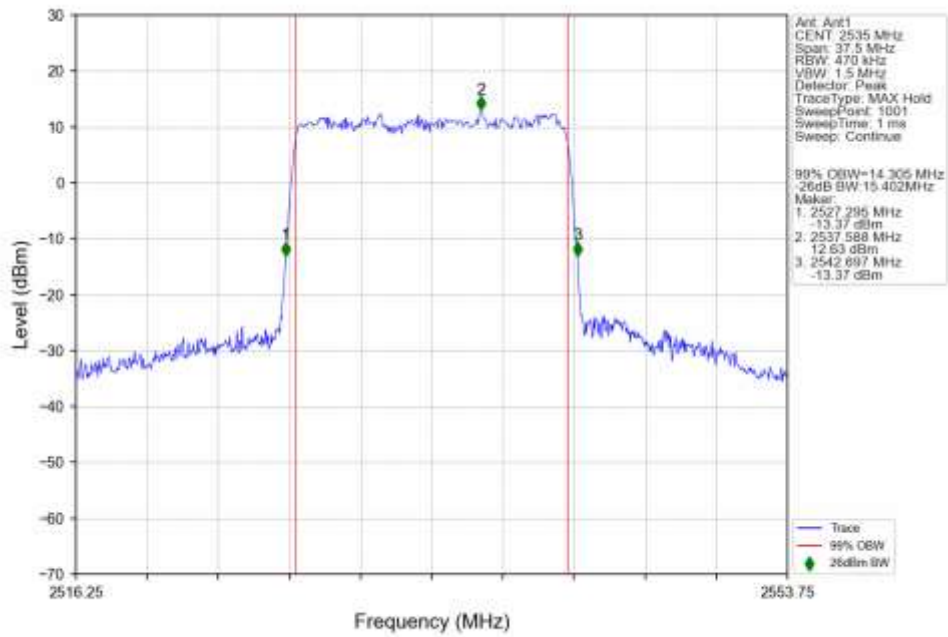
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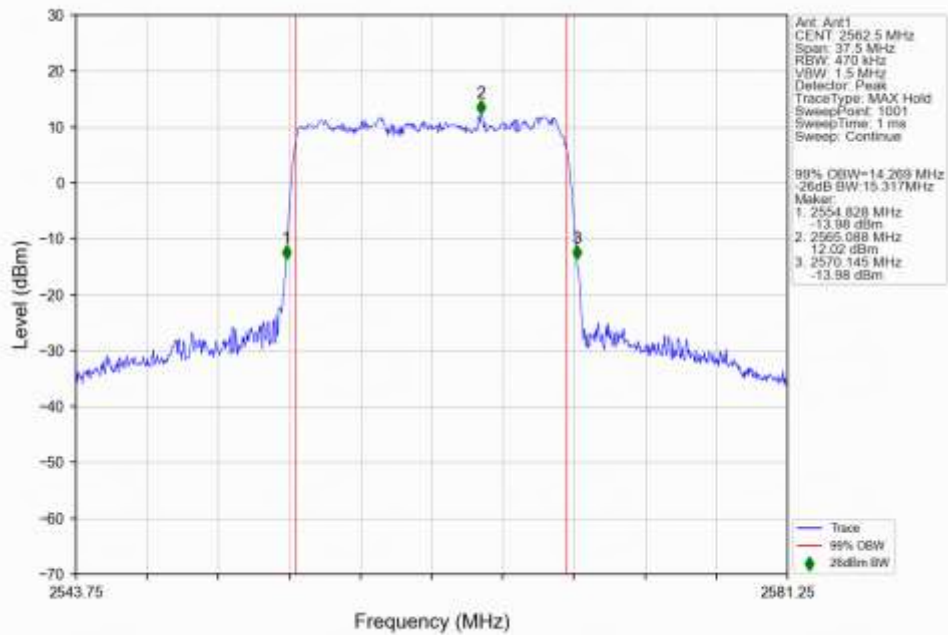
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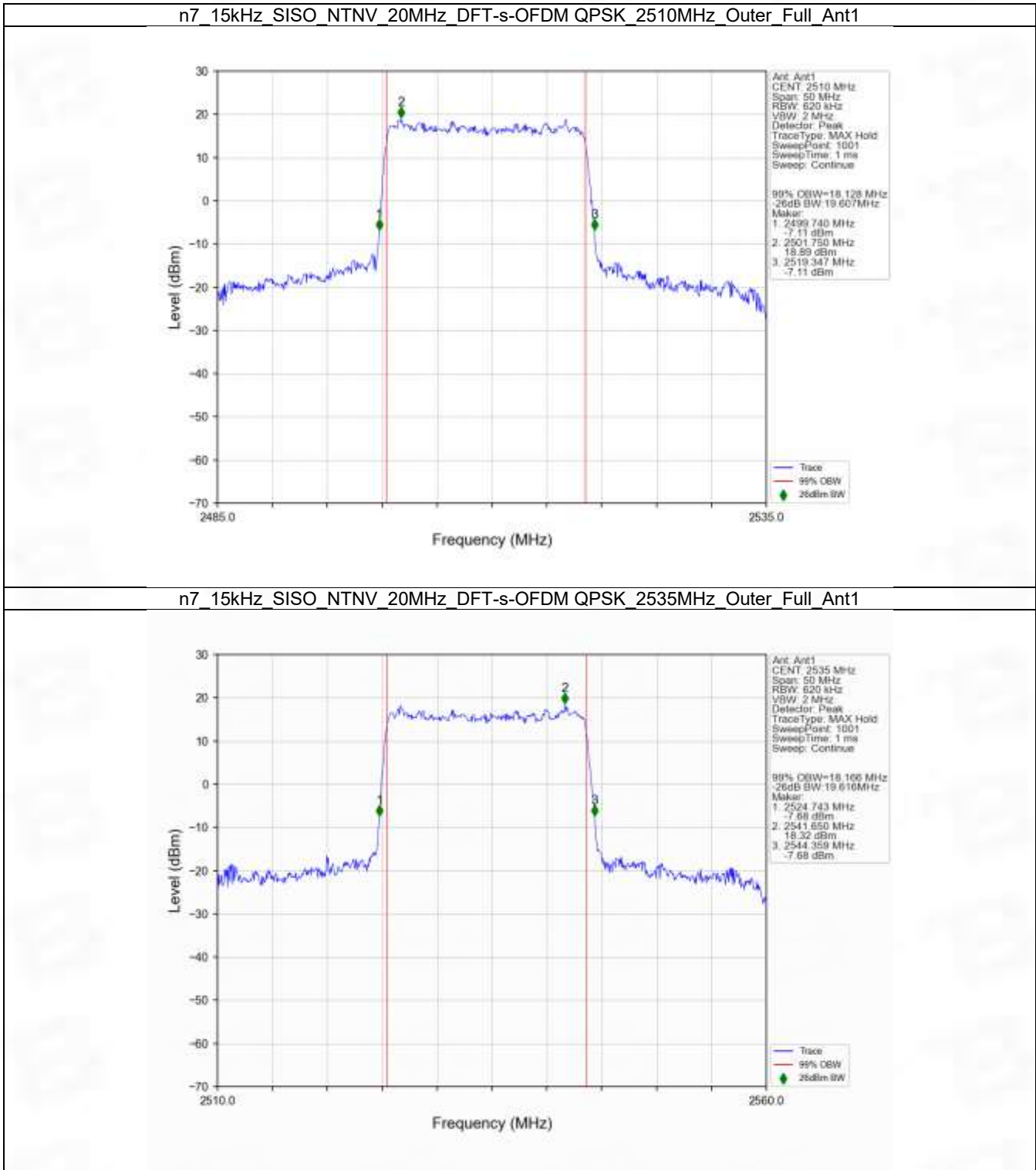
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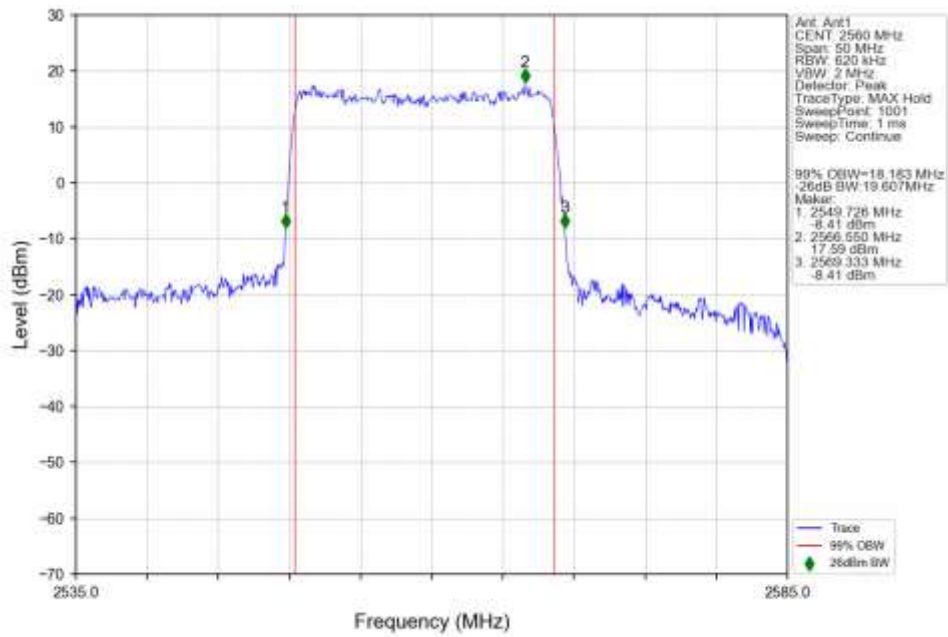
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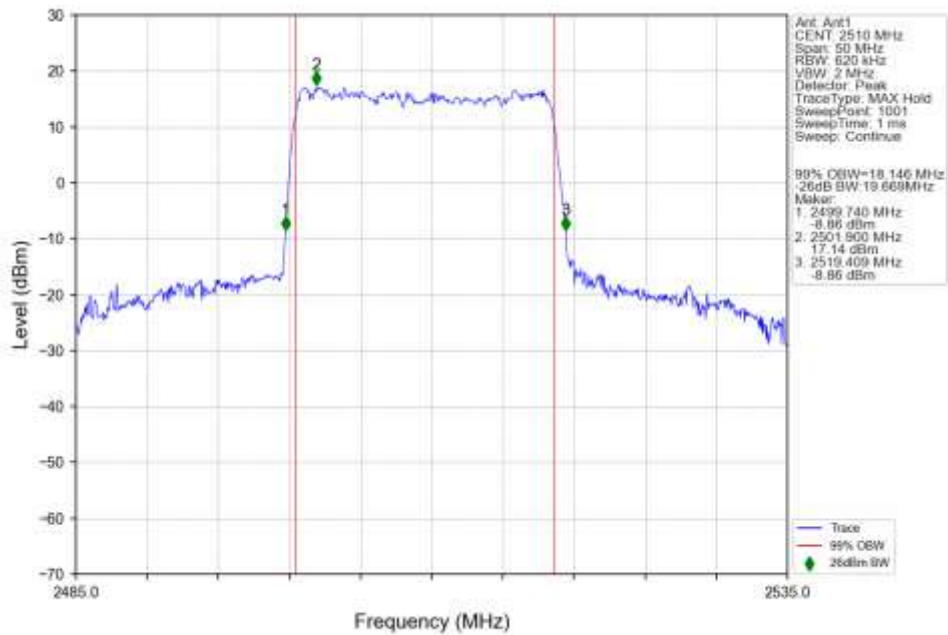
4.2.4 15k_SISO_20MHz_NTNV



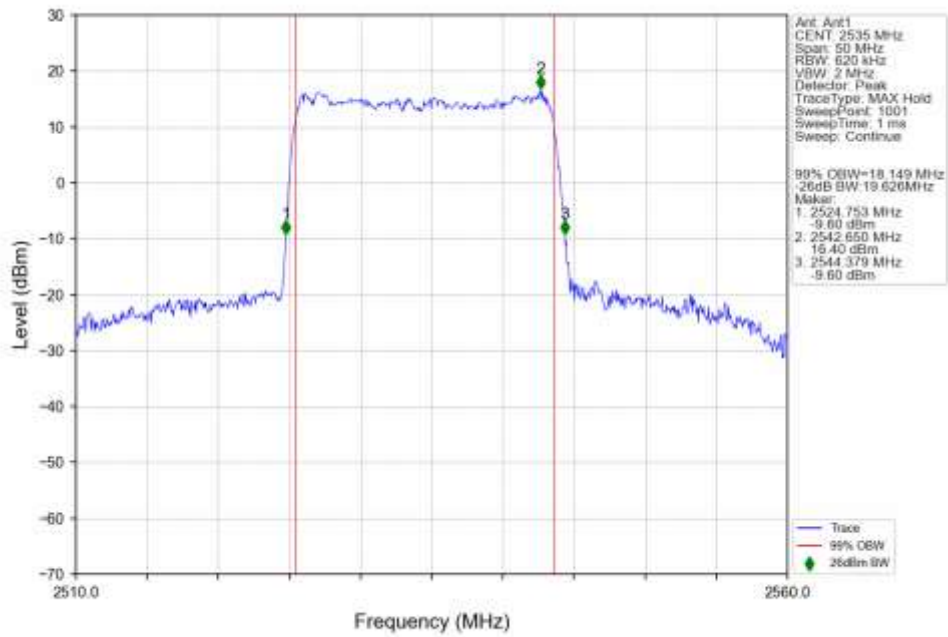
n7 15kHz SISO NTN 20MHz DFT-s-OFDM QPSK 2560MHz Outer Full Ant1



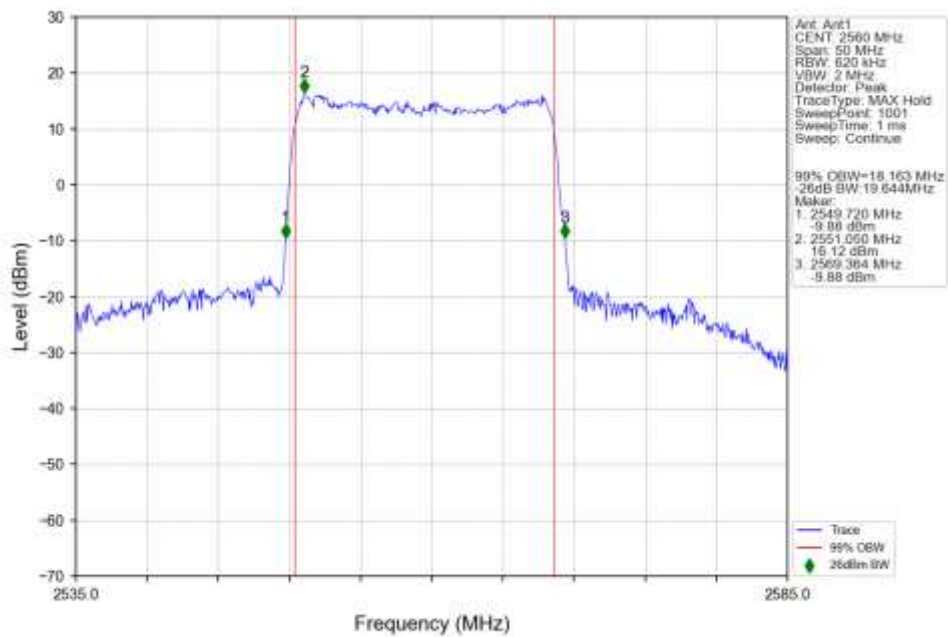
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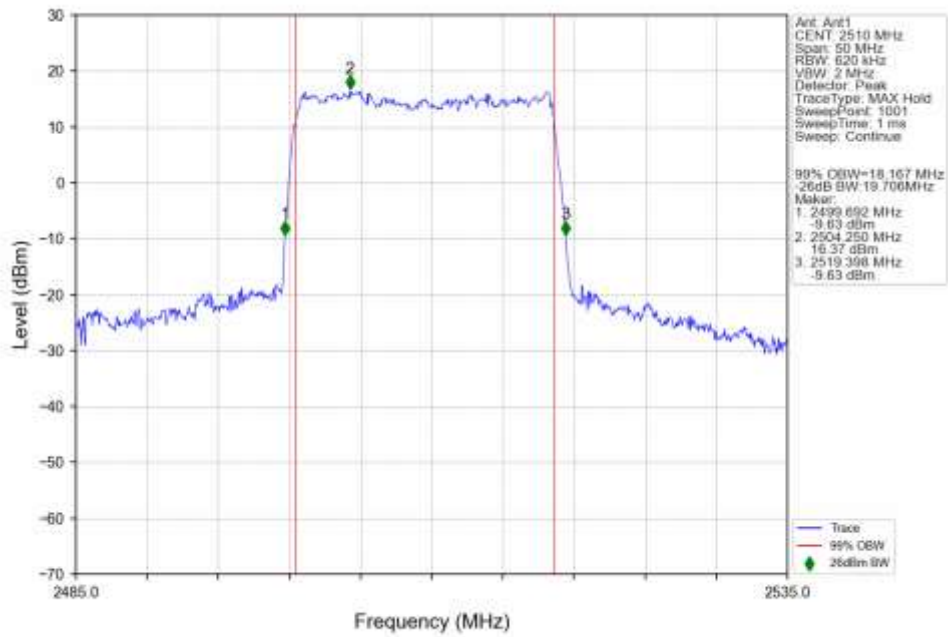
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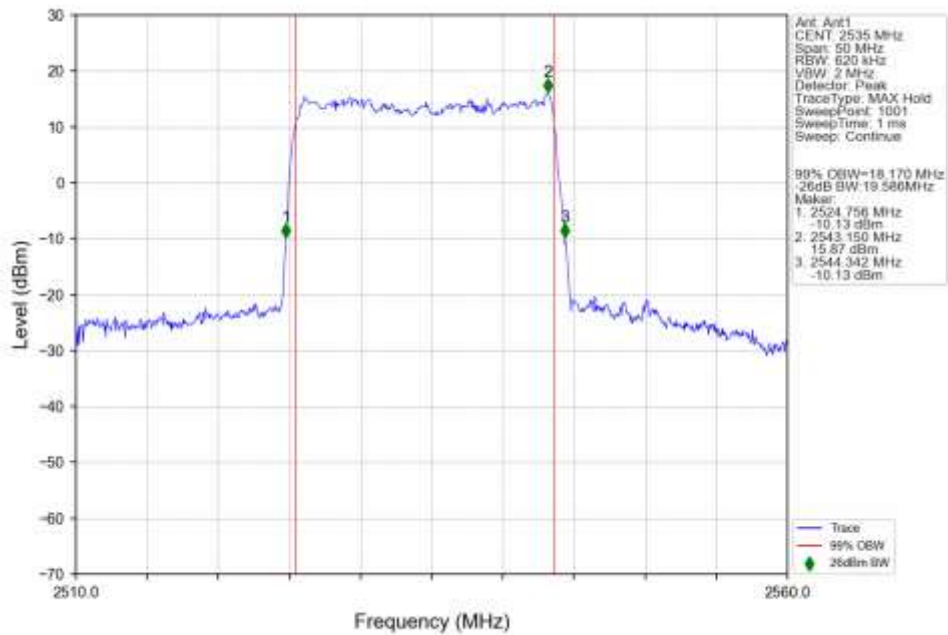
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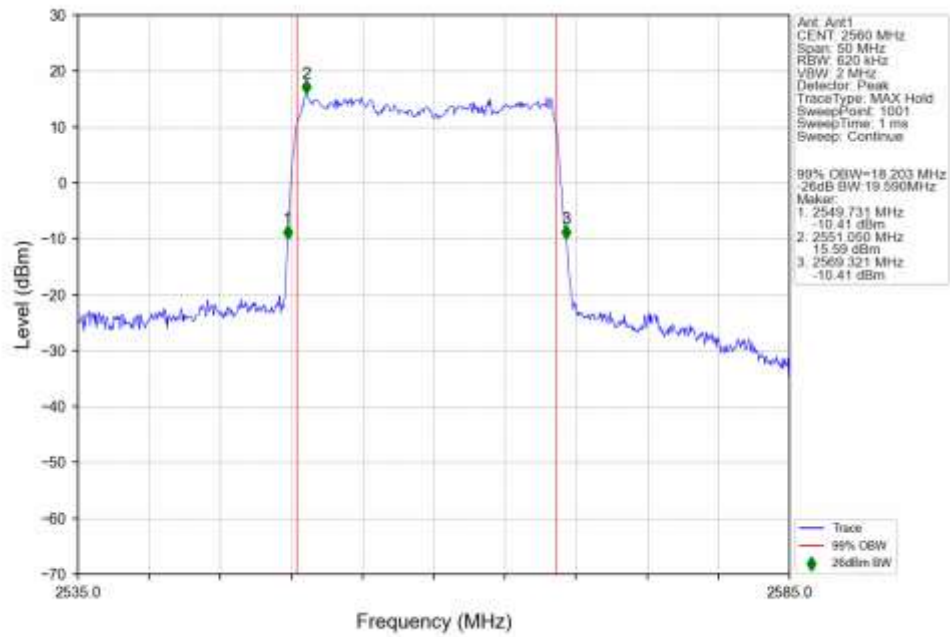
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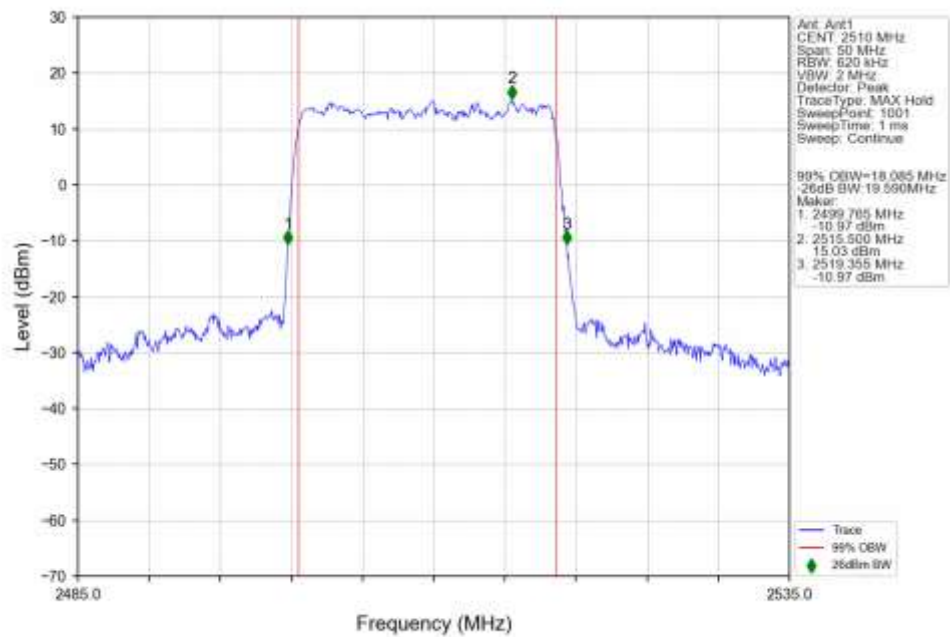
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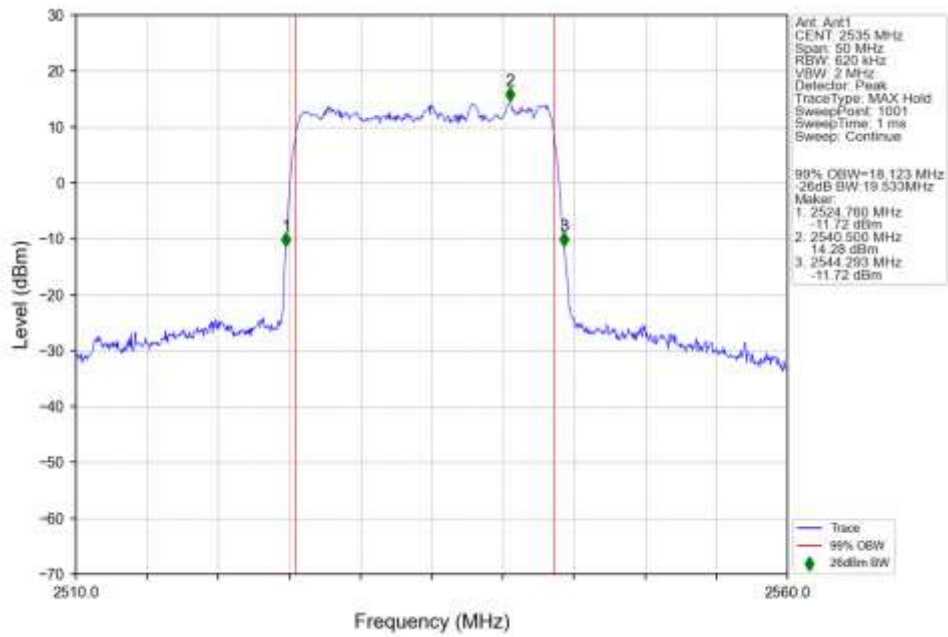
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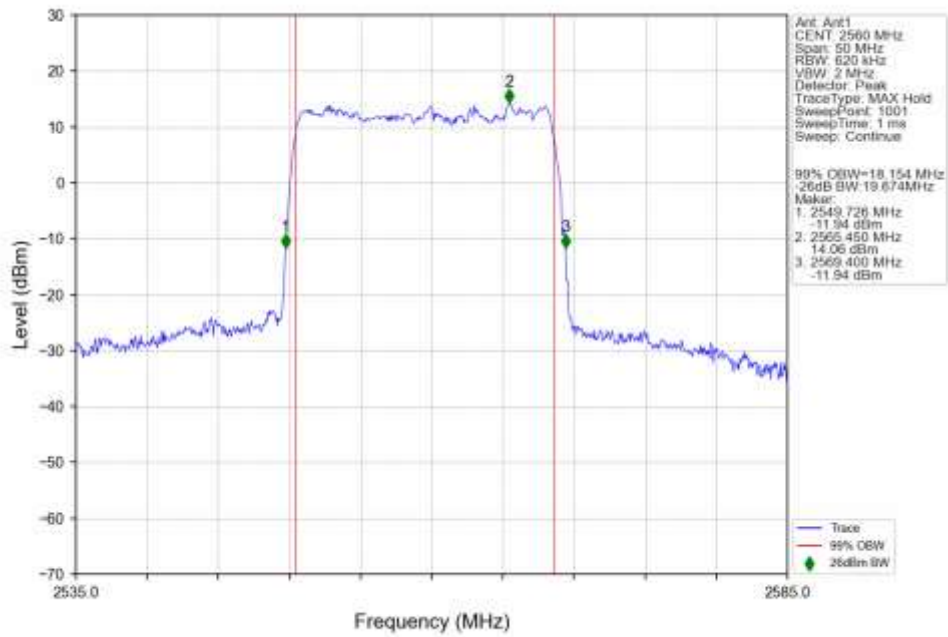
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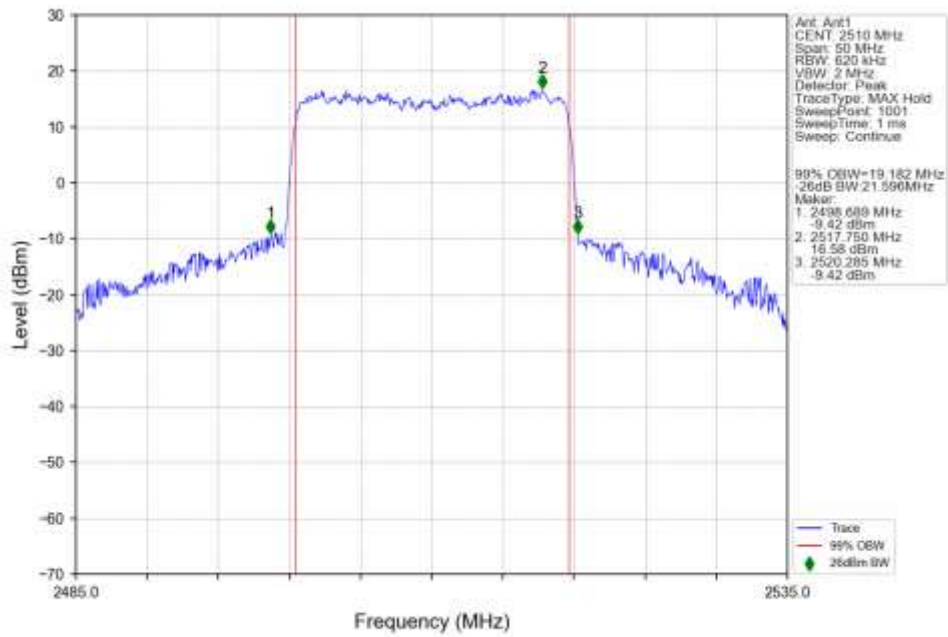
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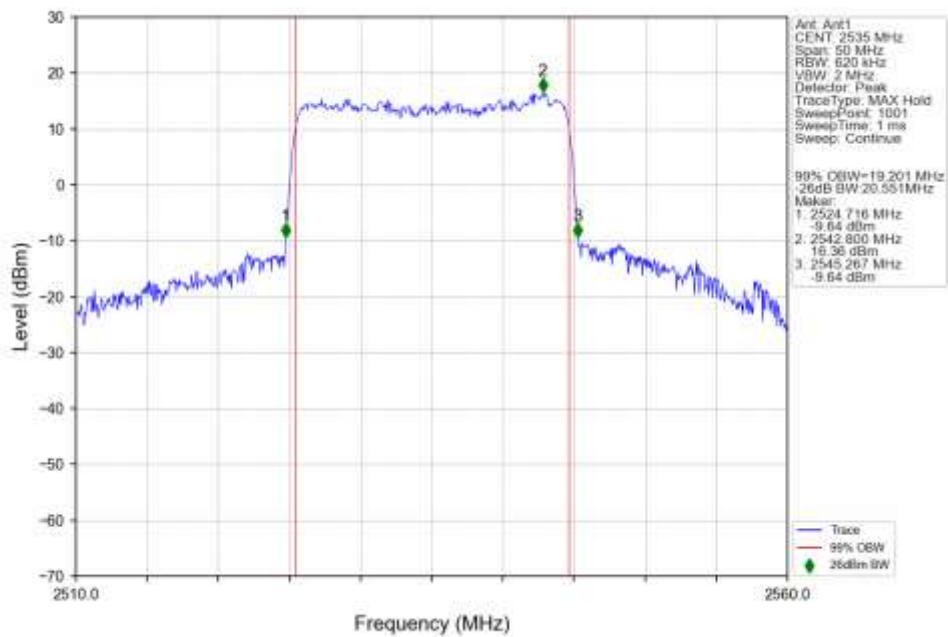
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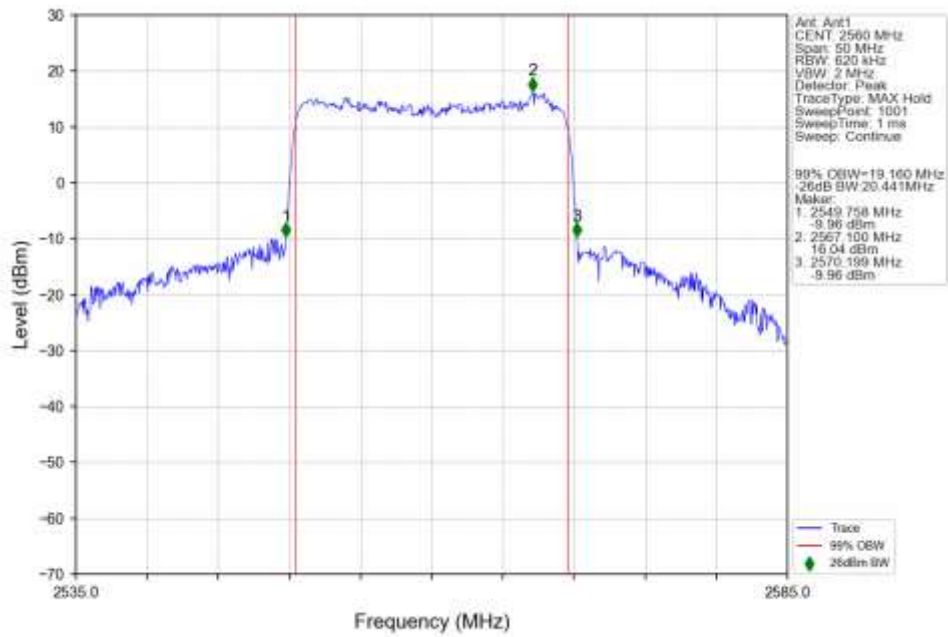
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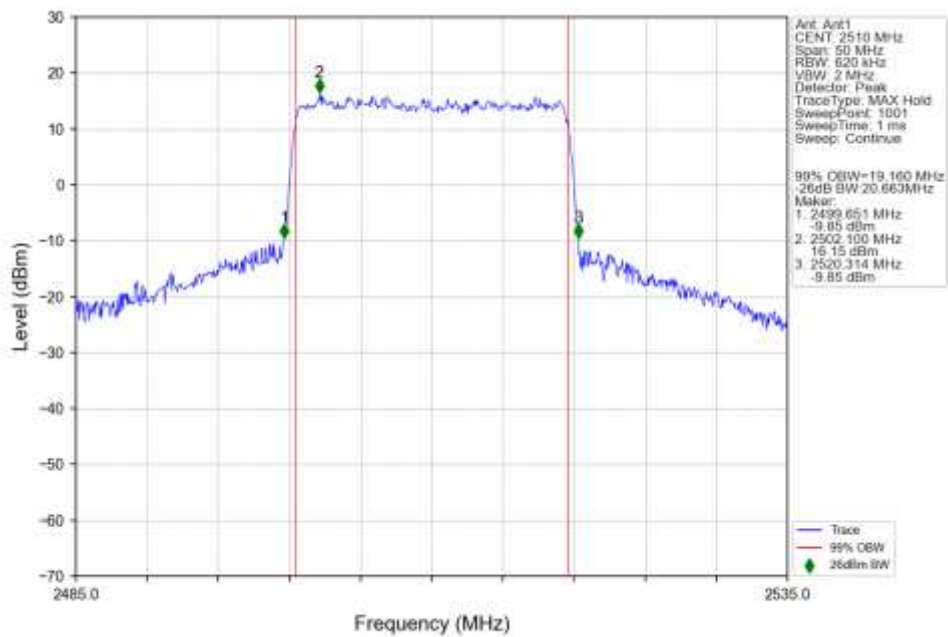
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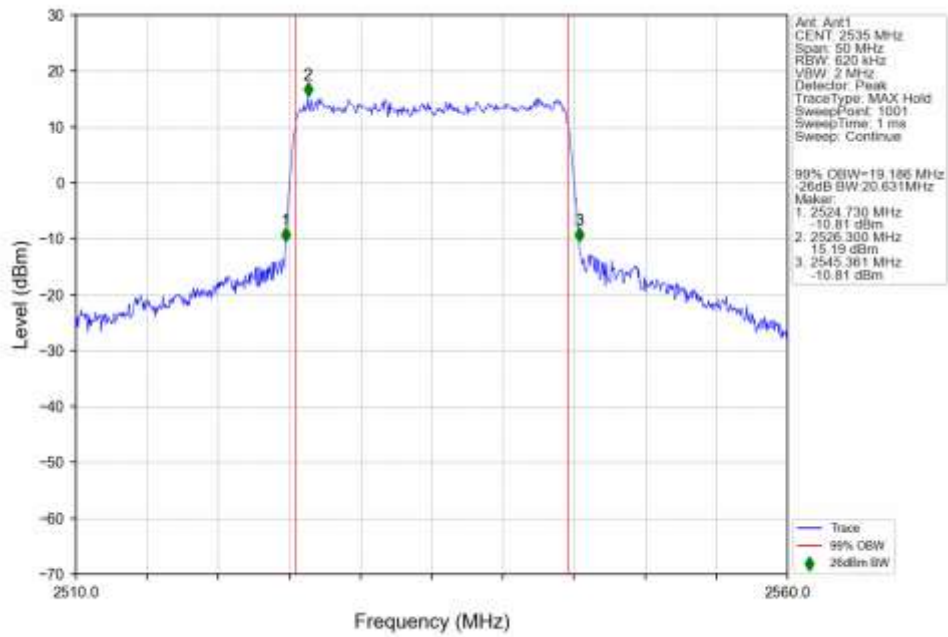
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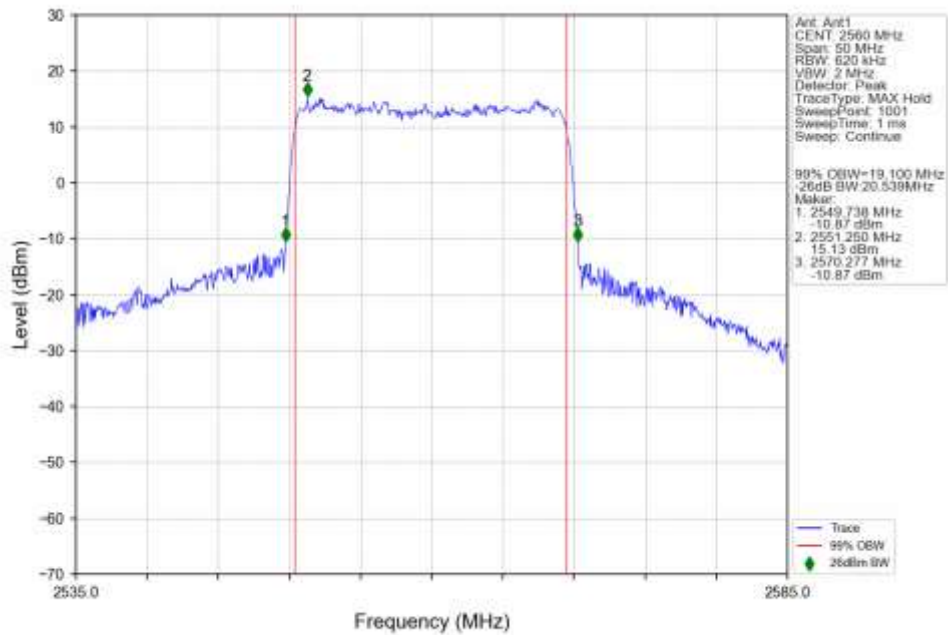
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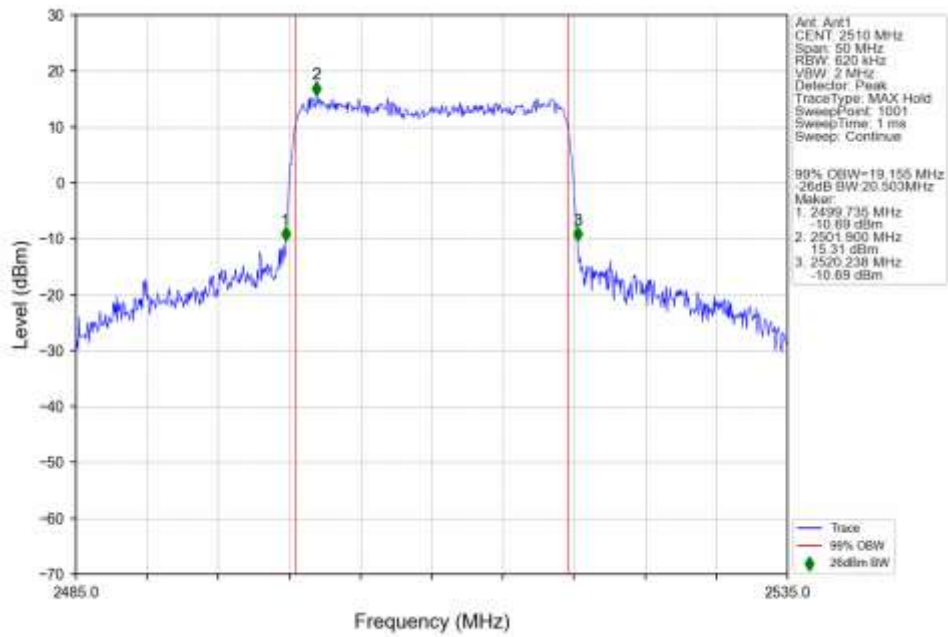
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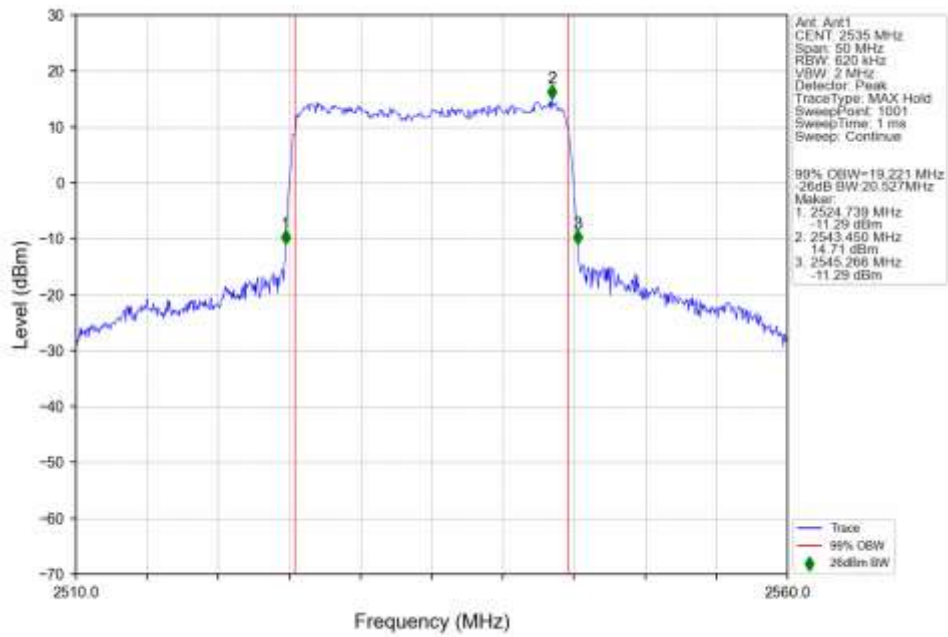
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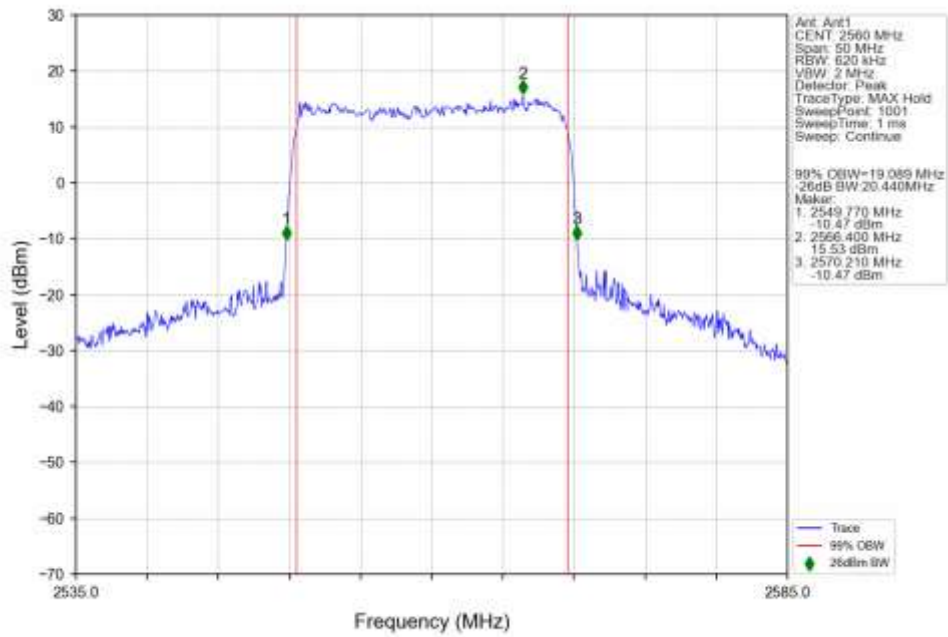
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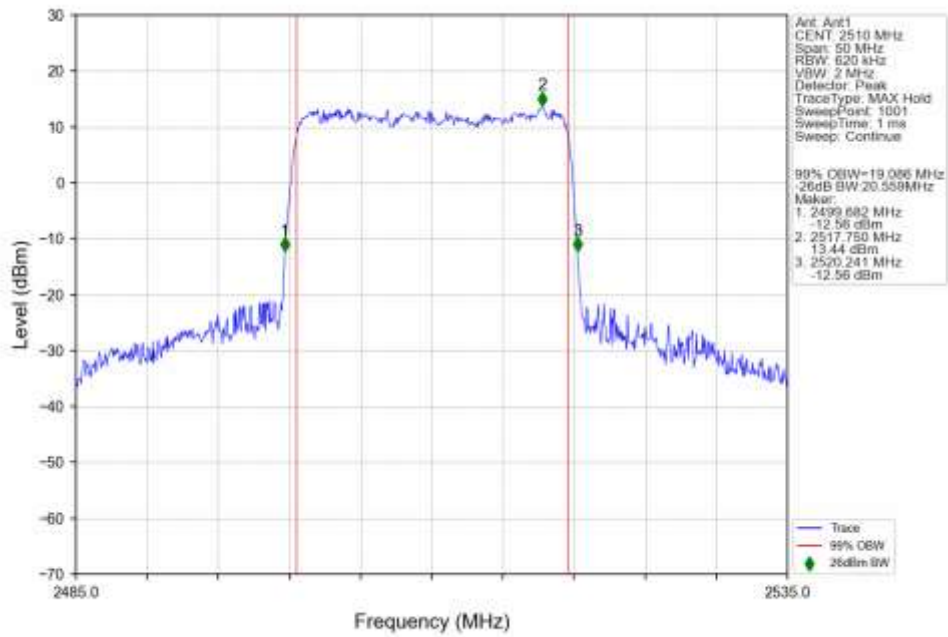
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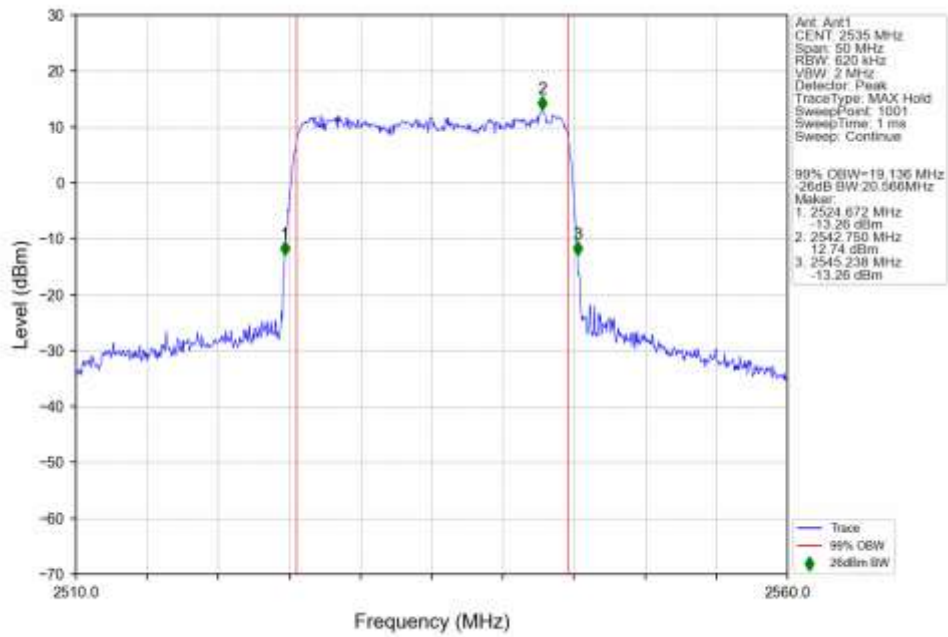
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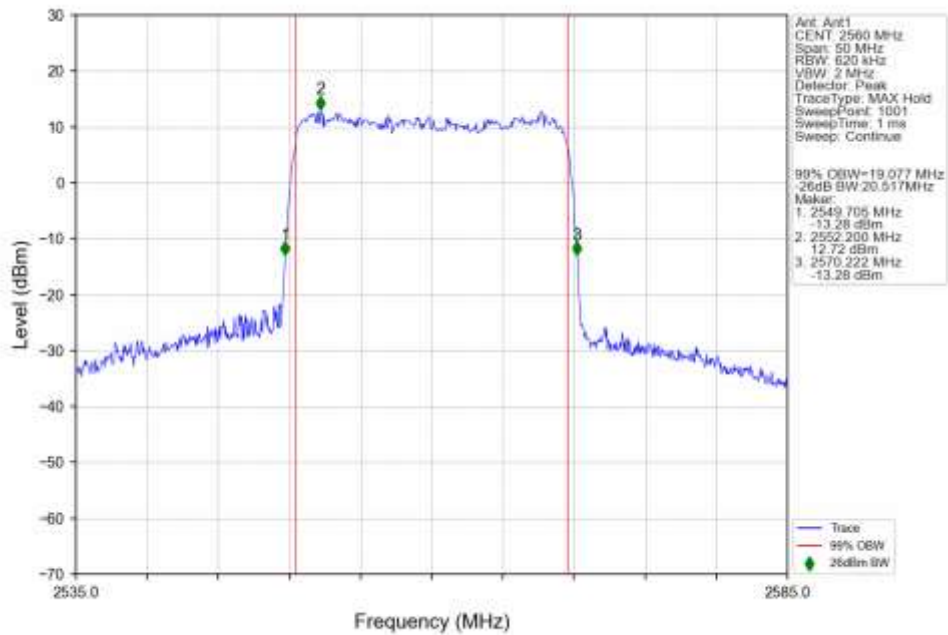
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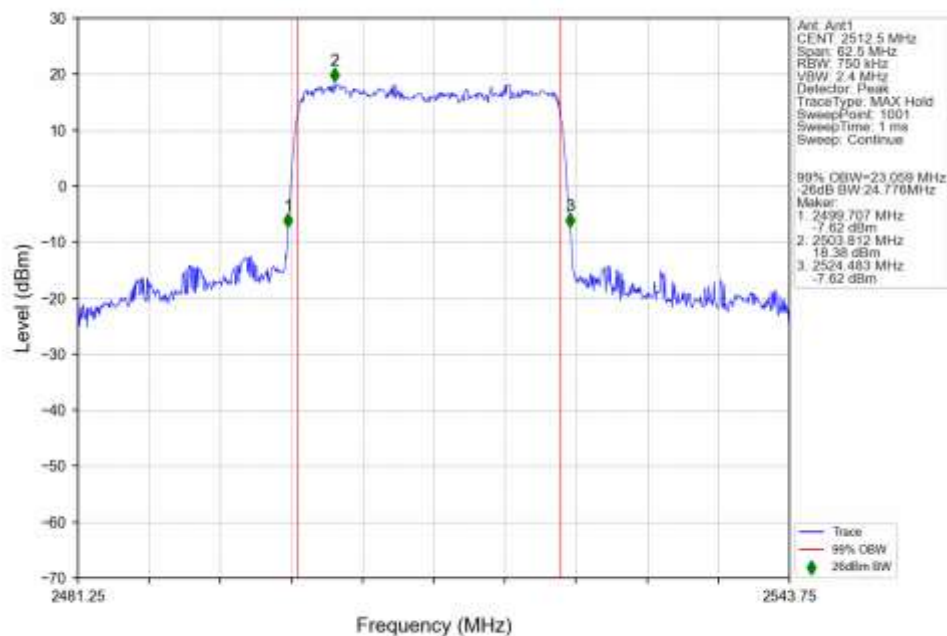


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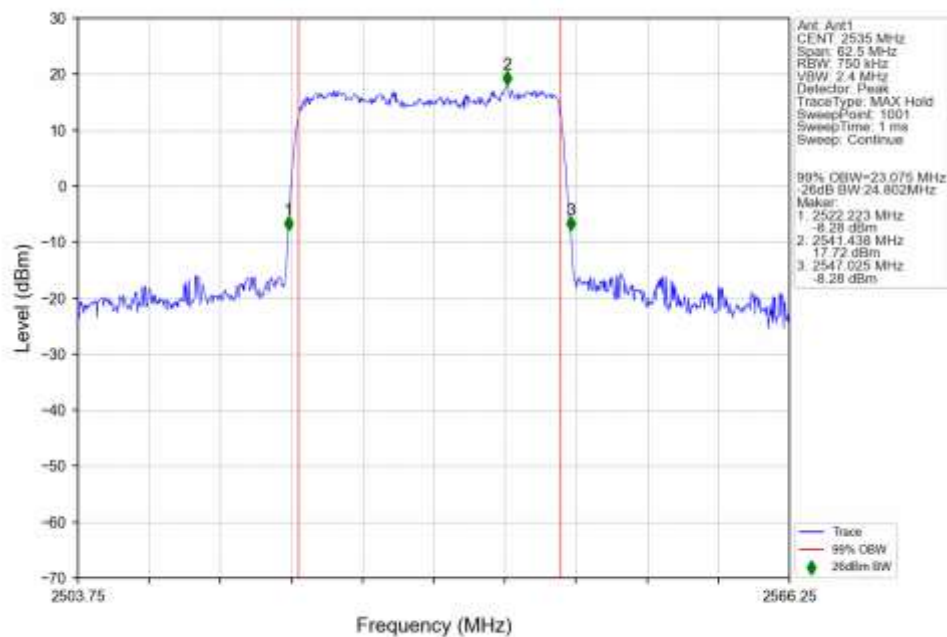


4.2.5 15k_SISO_25MHz_NTNV

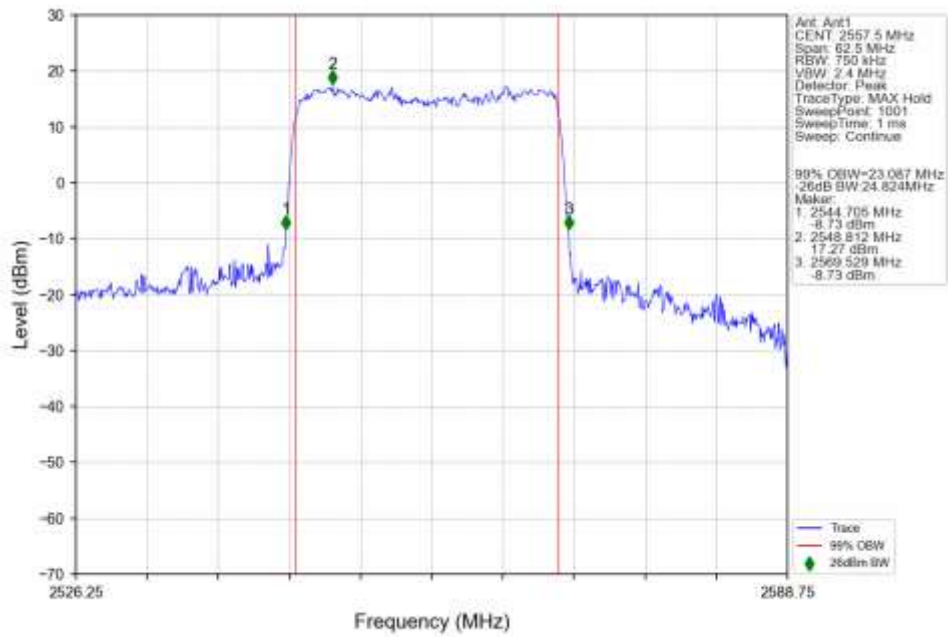
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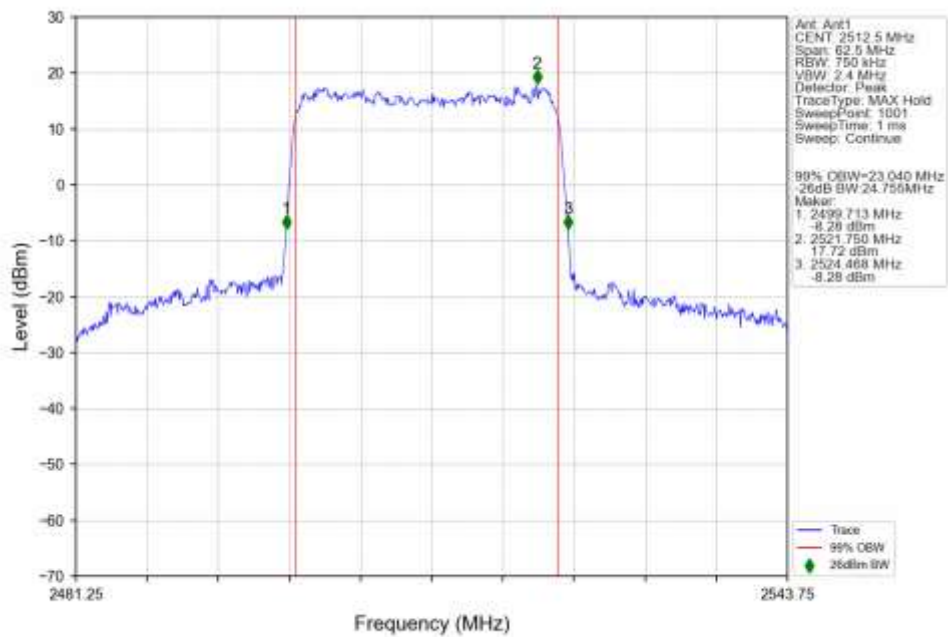
n7_15kHz_SISO_NTNV_25MHz_DFT-s-OFDM QPSK_2535MHz_Outer_Full_Ant1



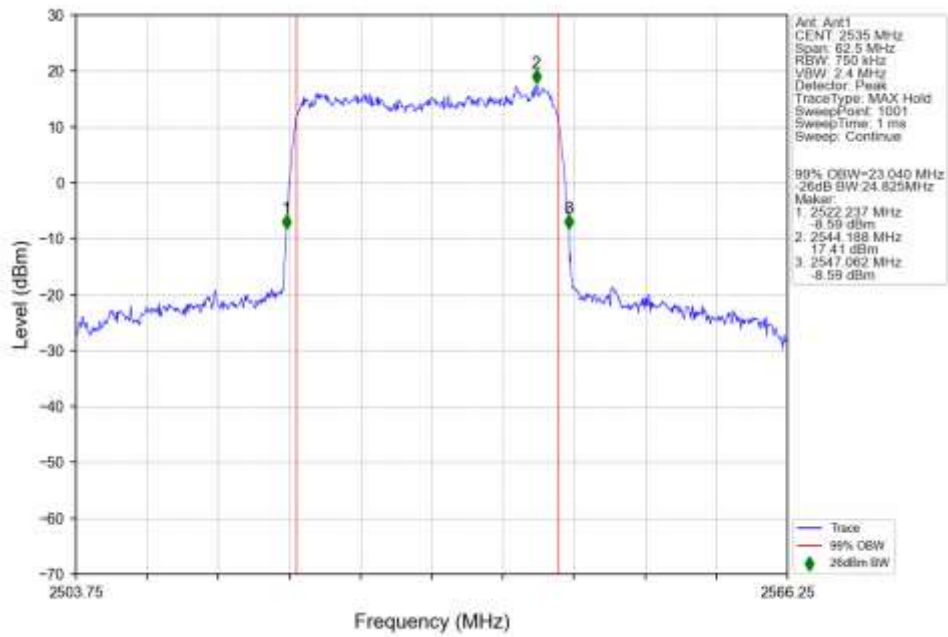
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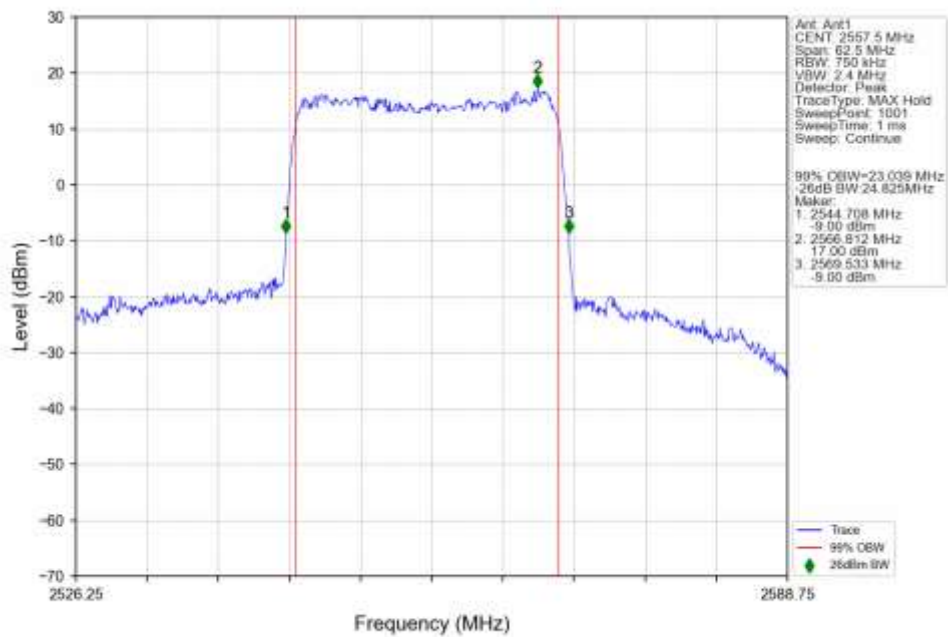
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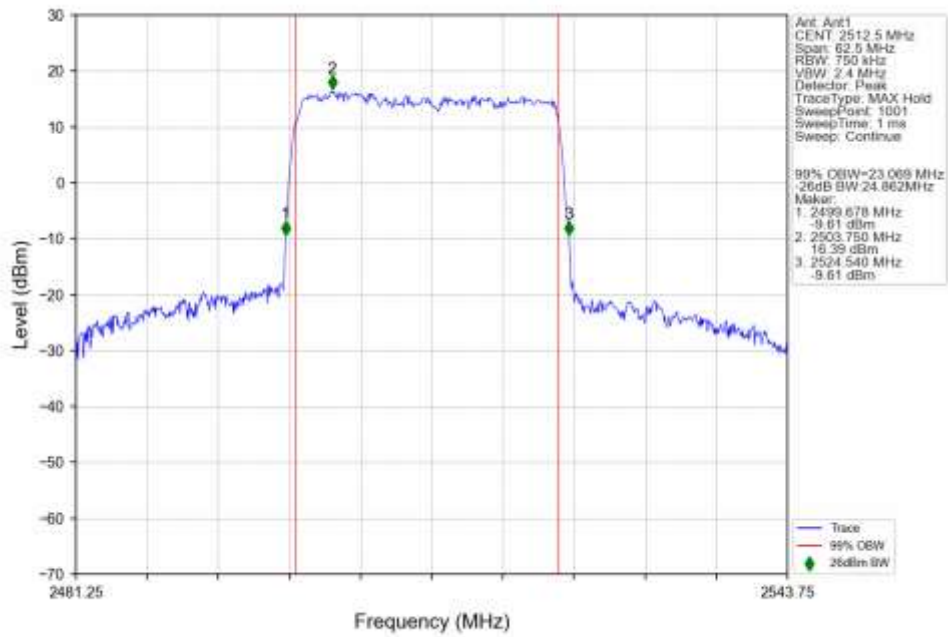
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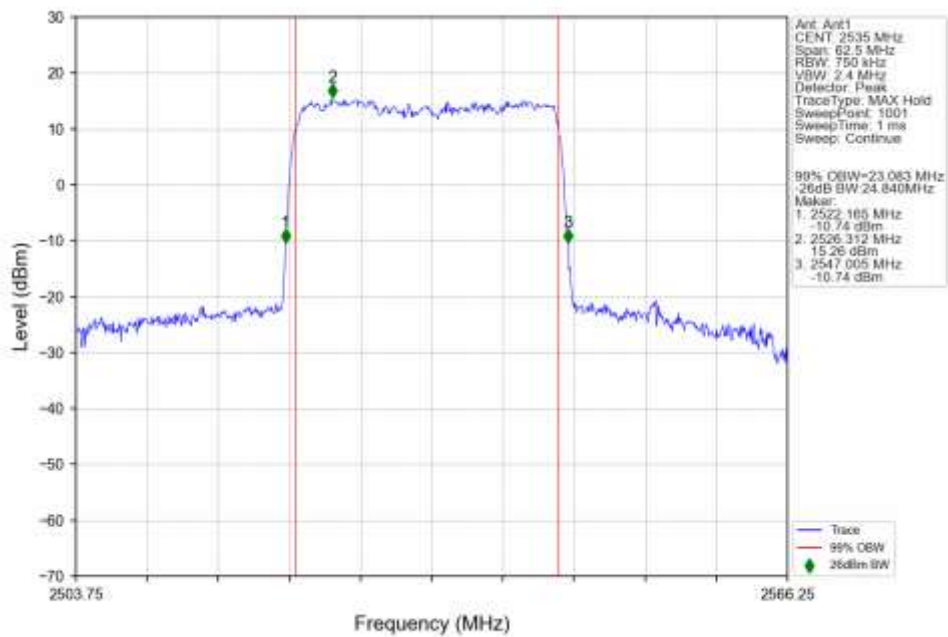
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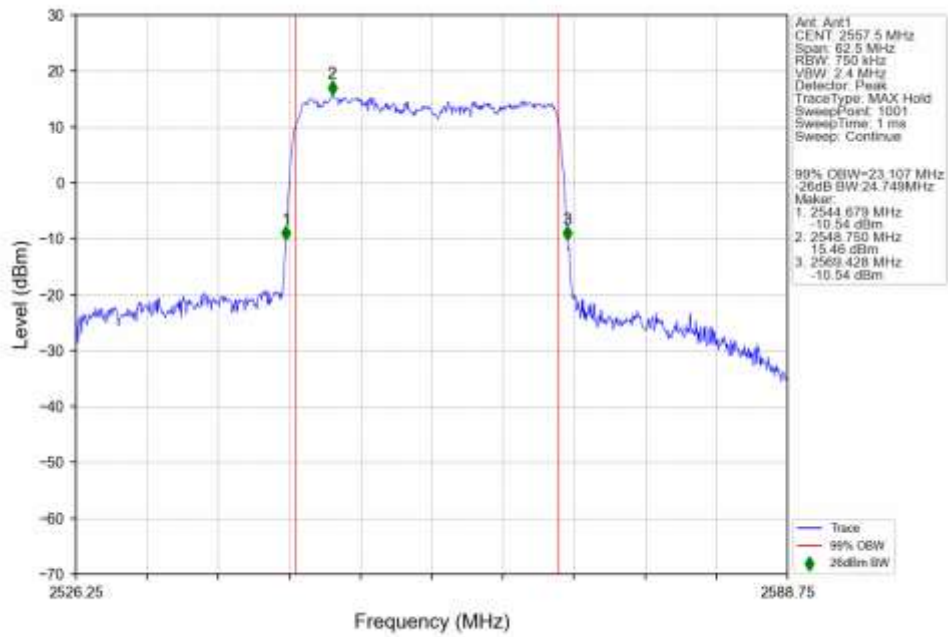
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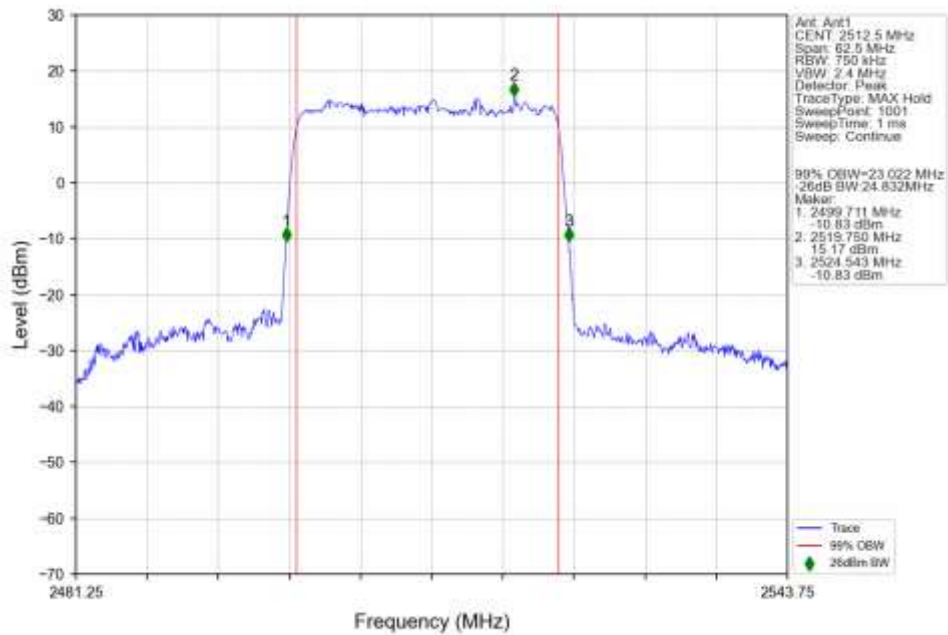
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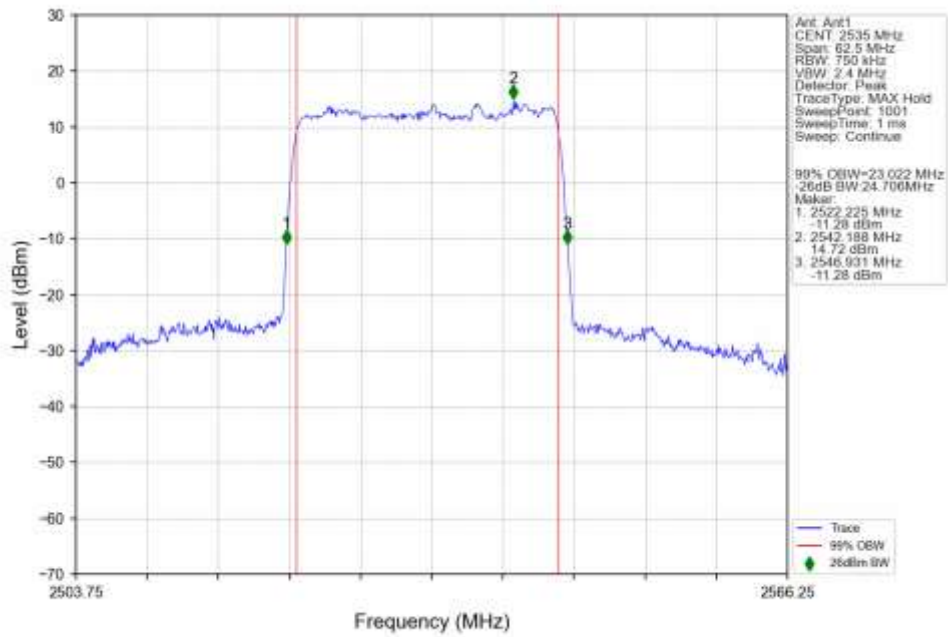
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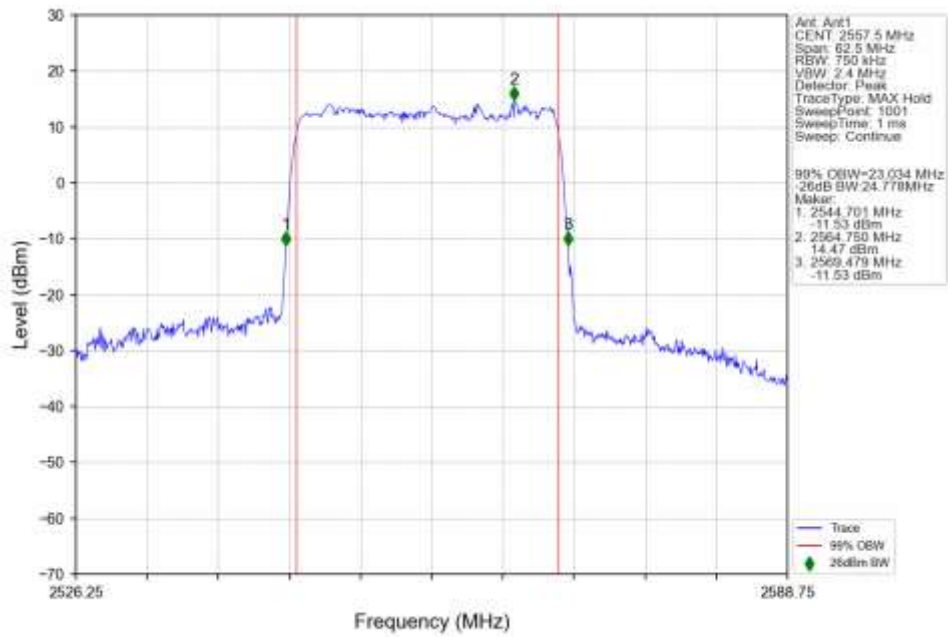
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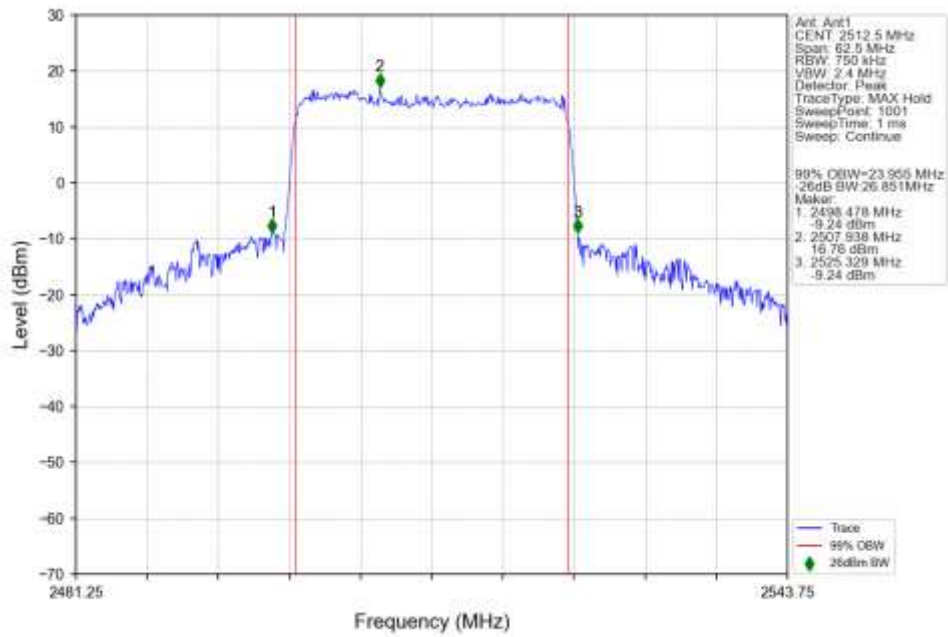
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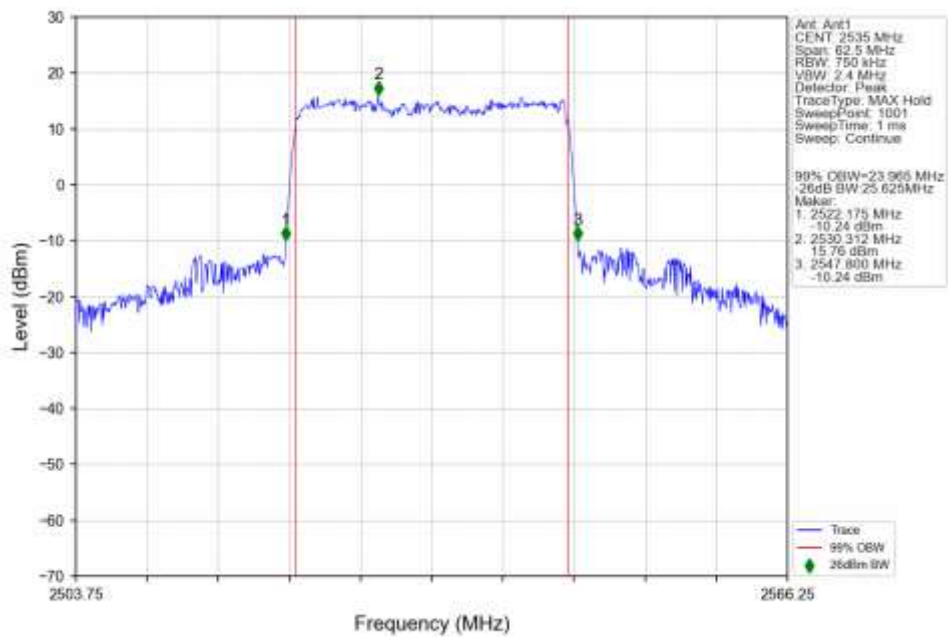
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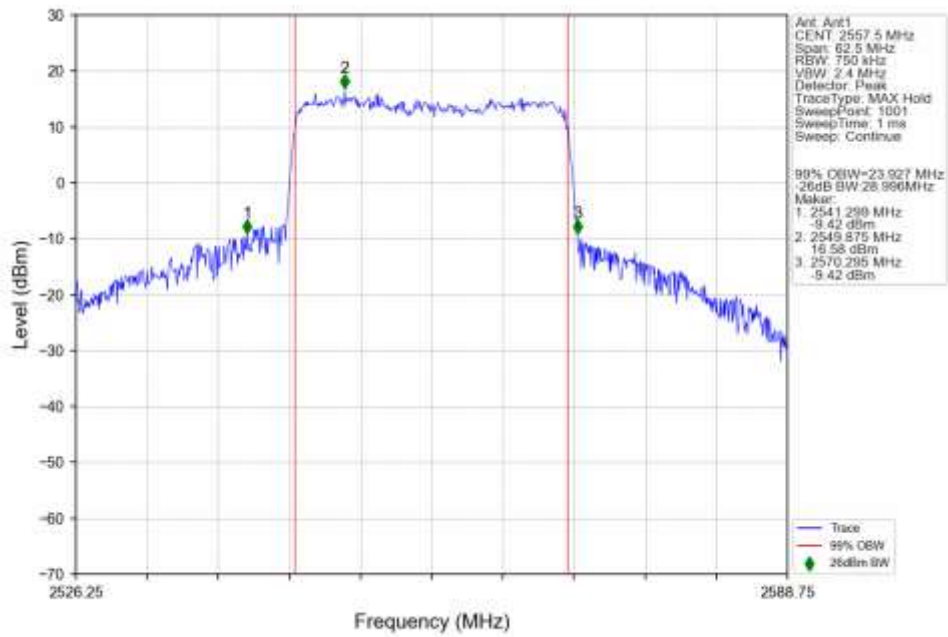
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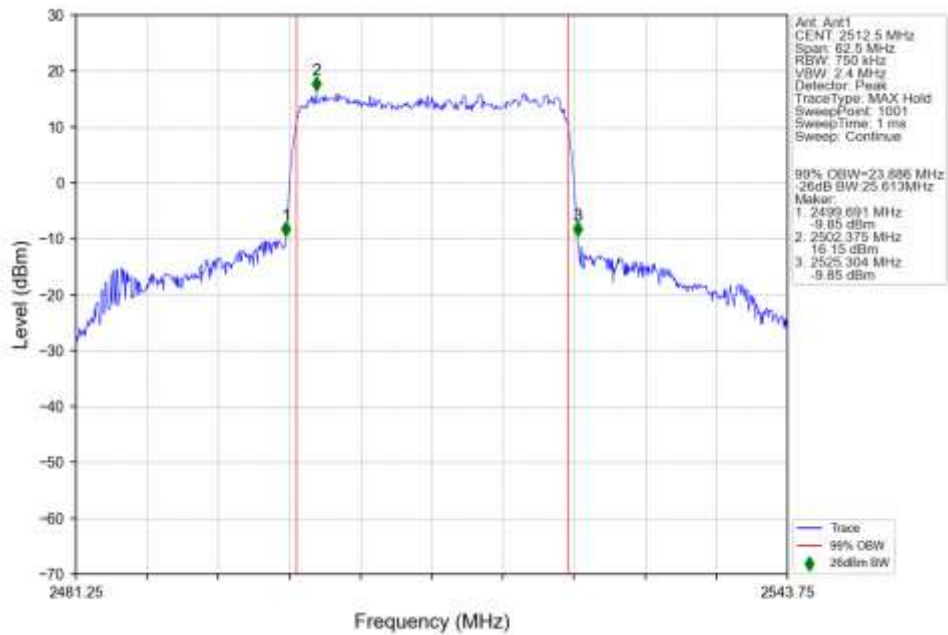
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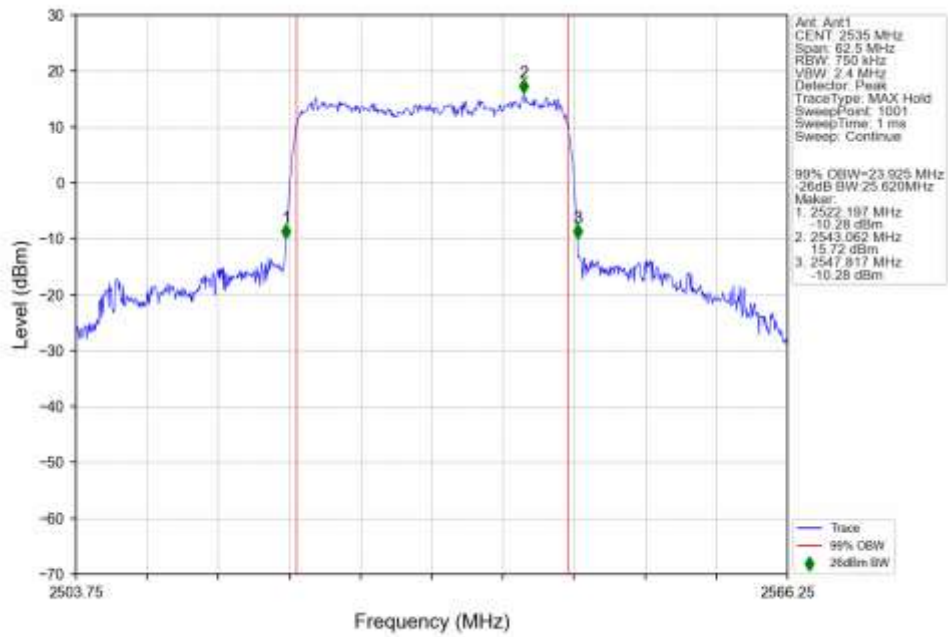
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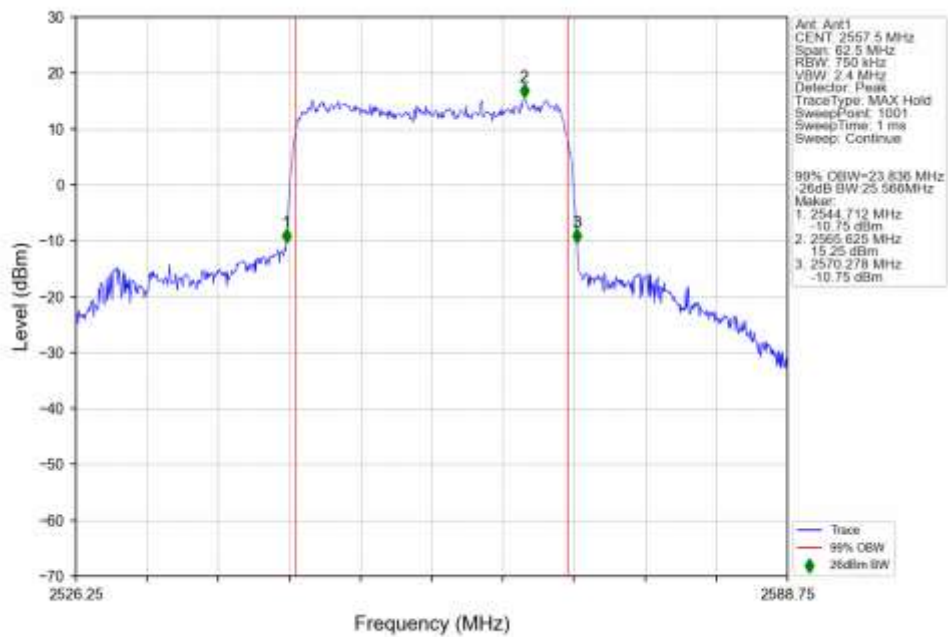
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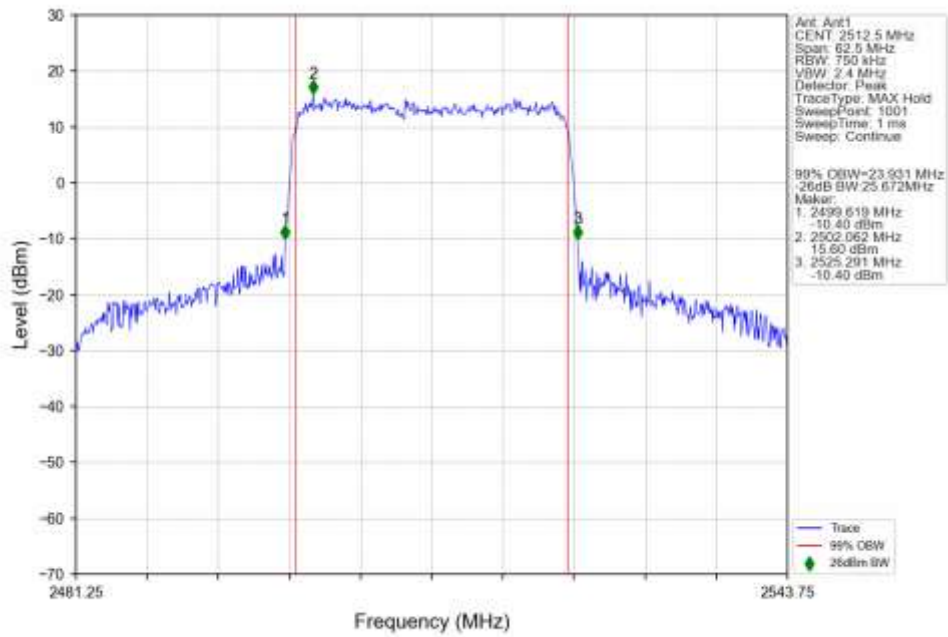
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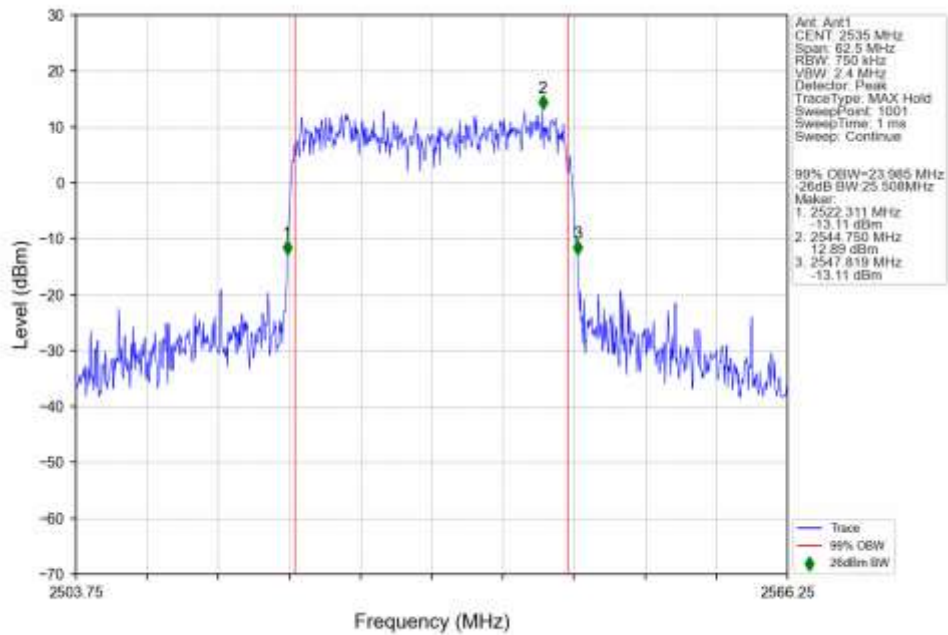
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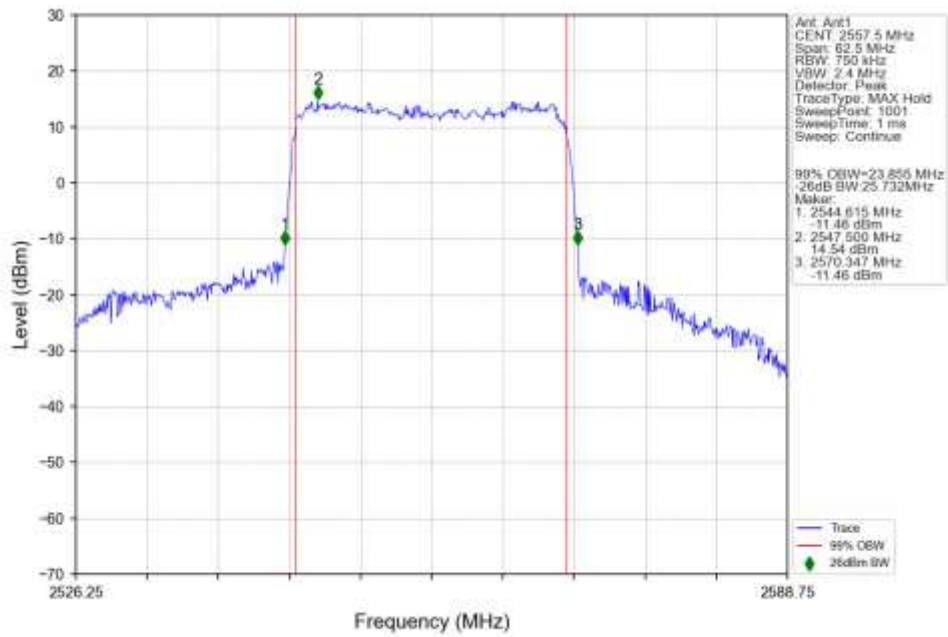
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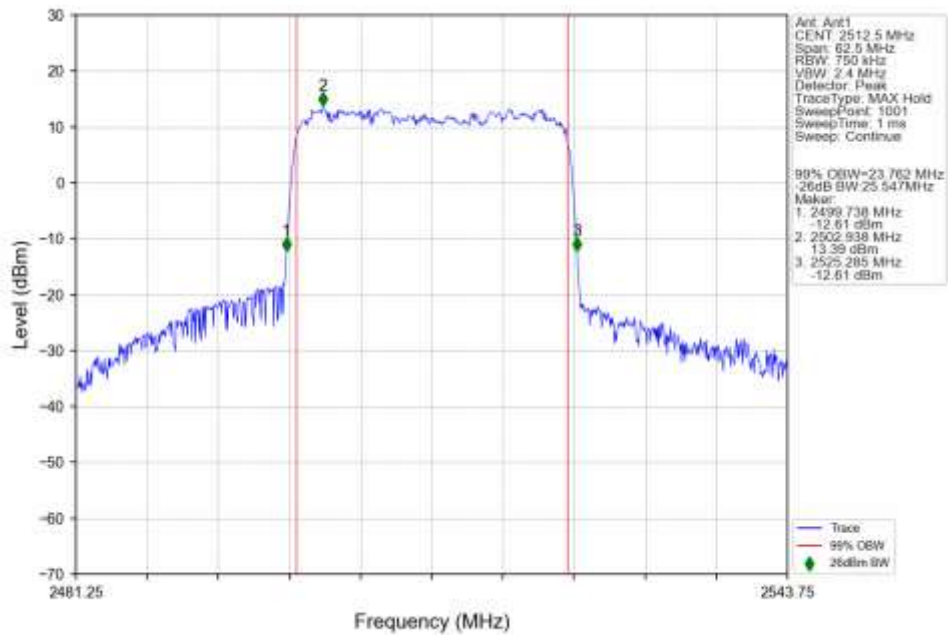
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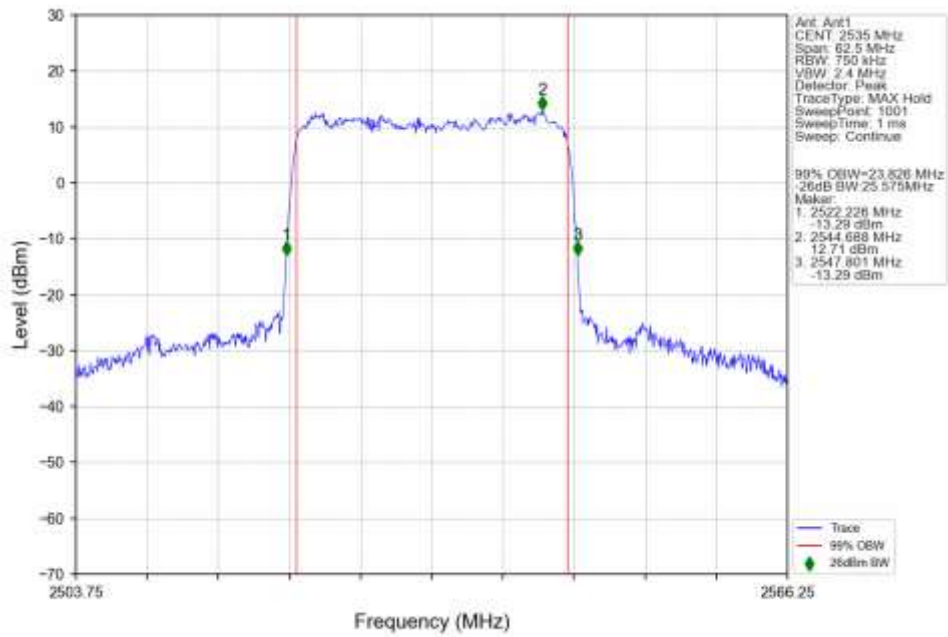
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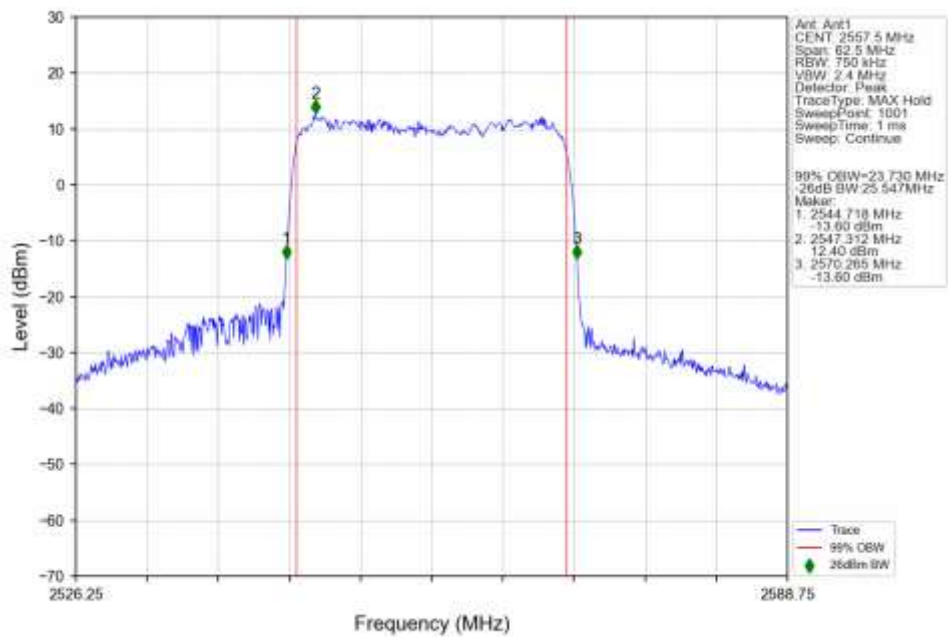
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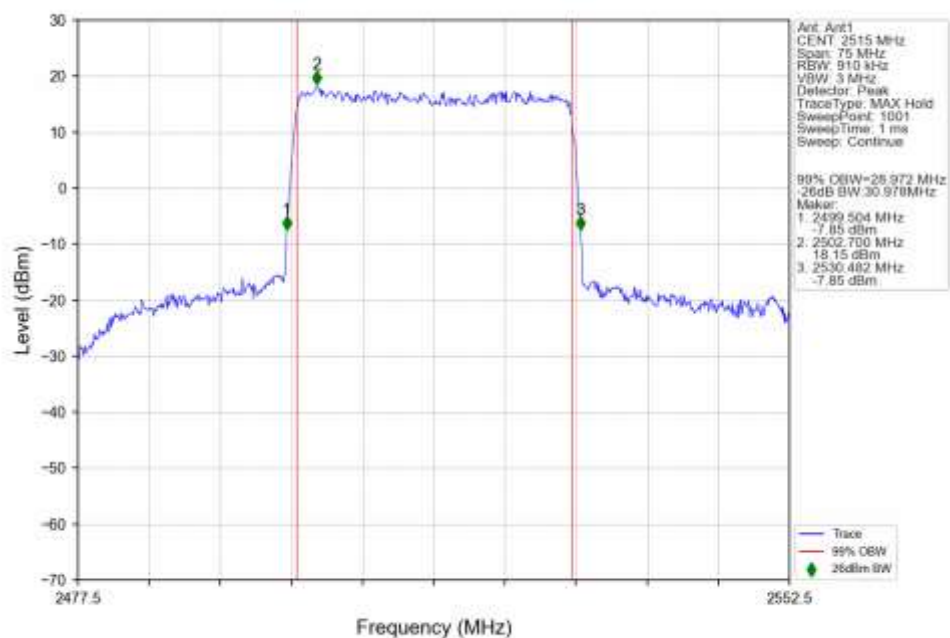


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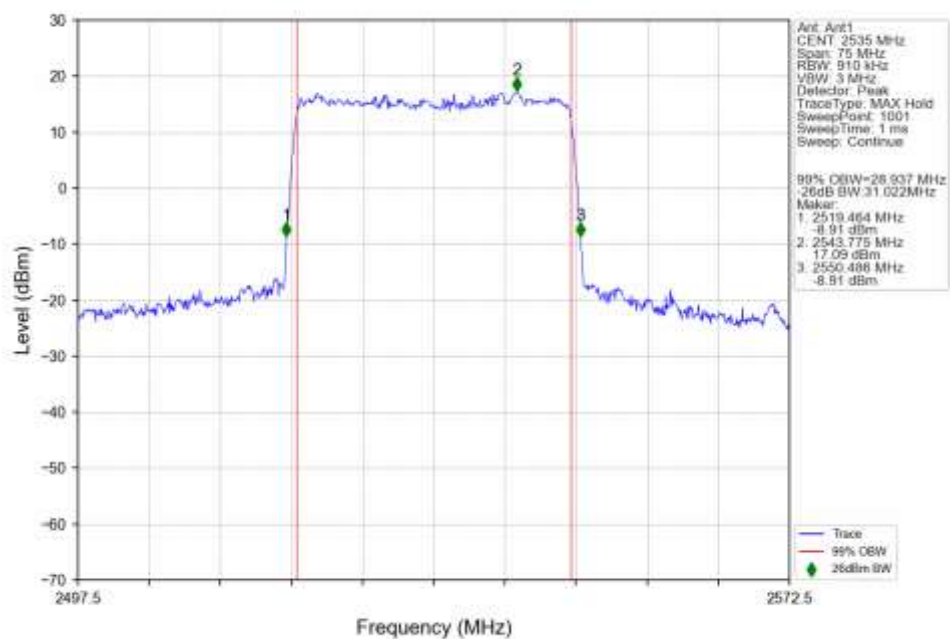


4.2.6 15k_SISO_30MHz_NTNV

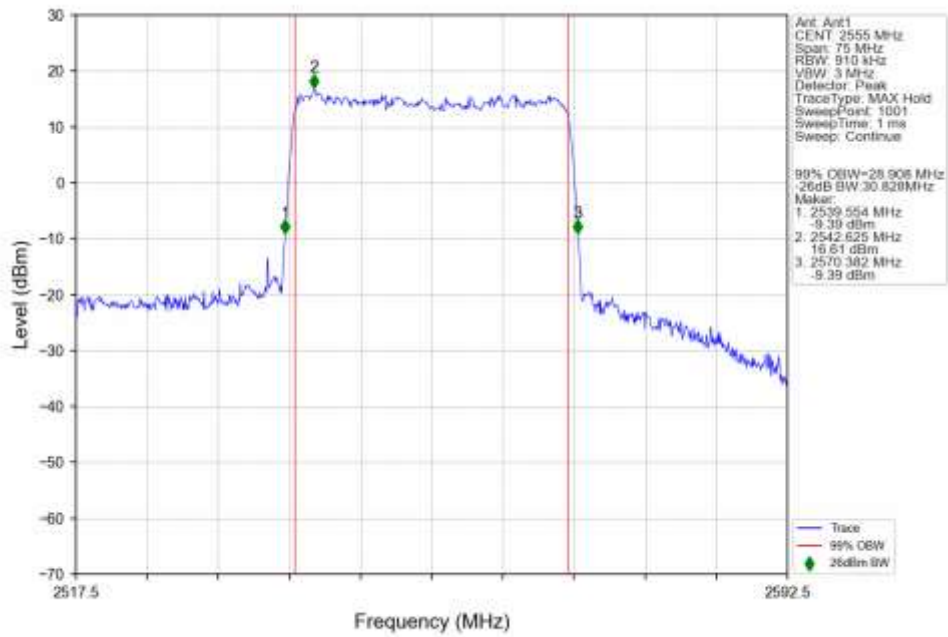
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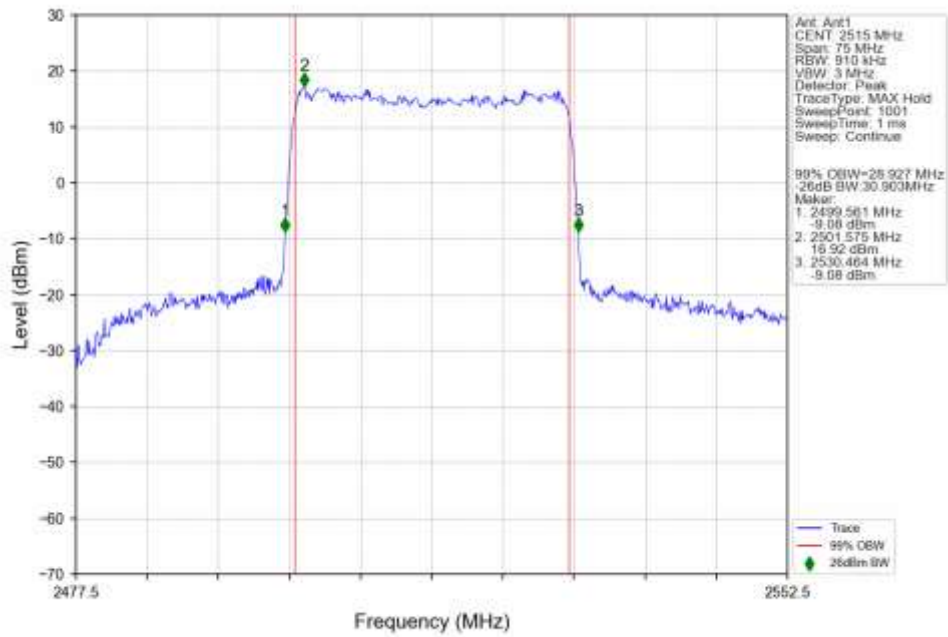
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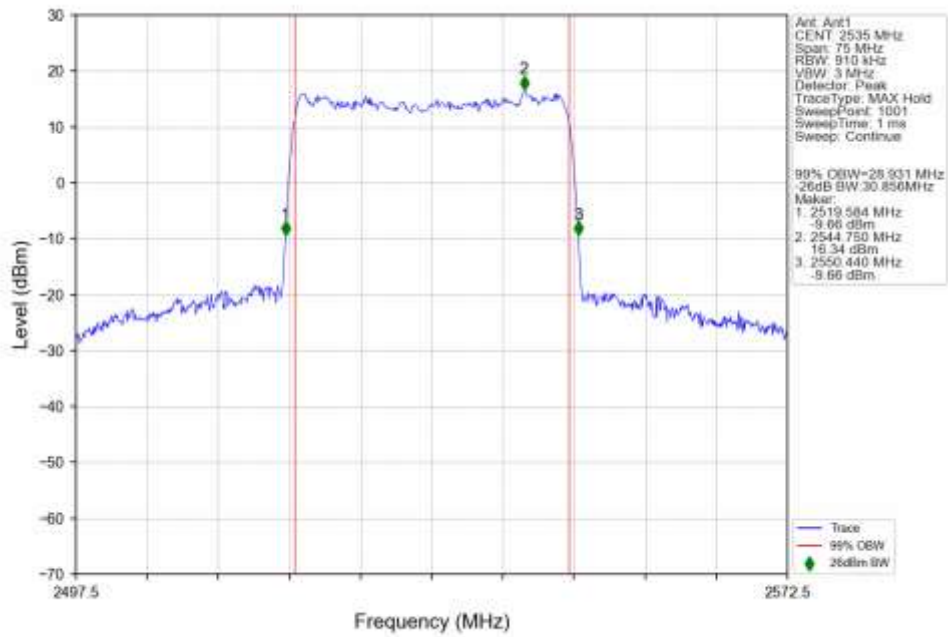
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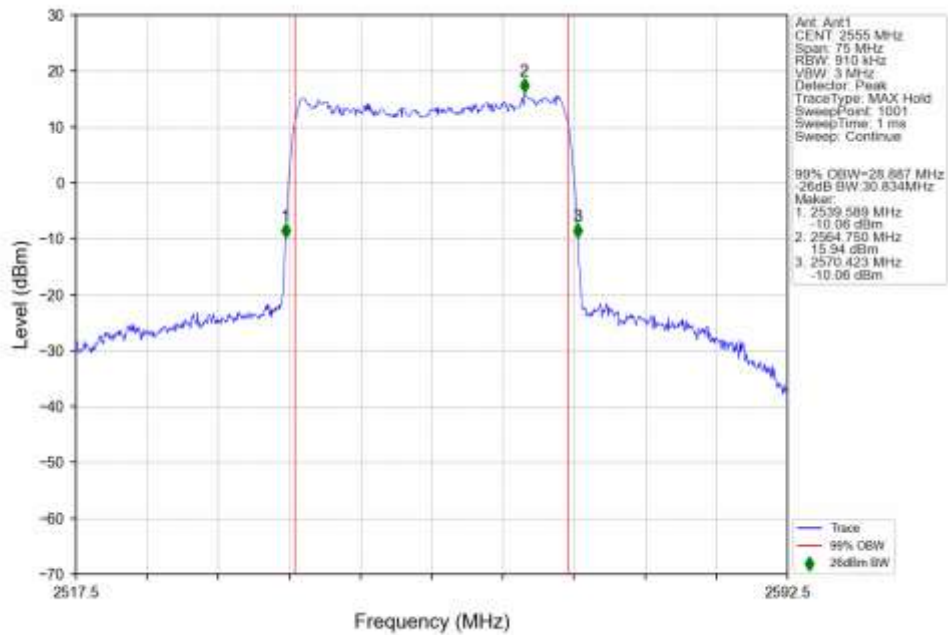
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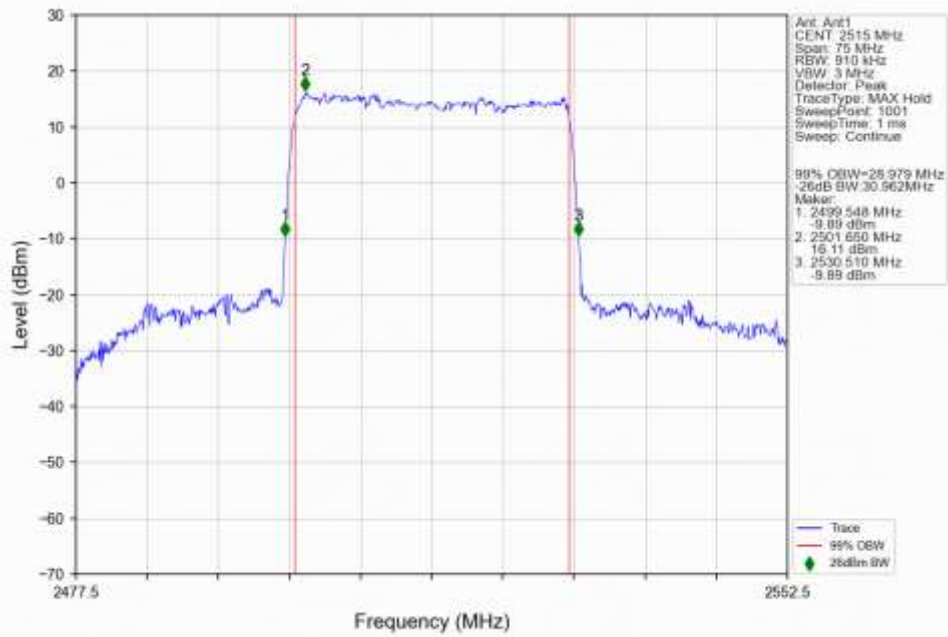
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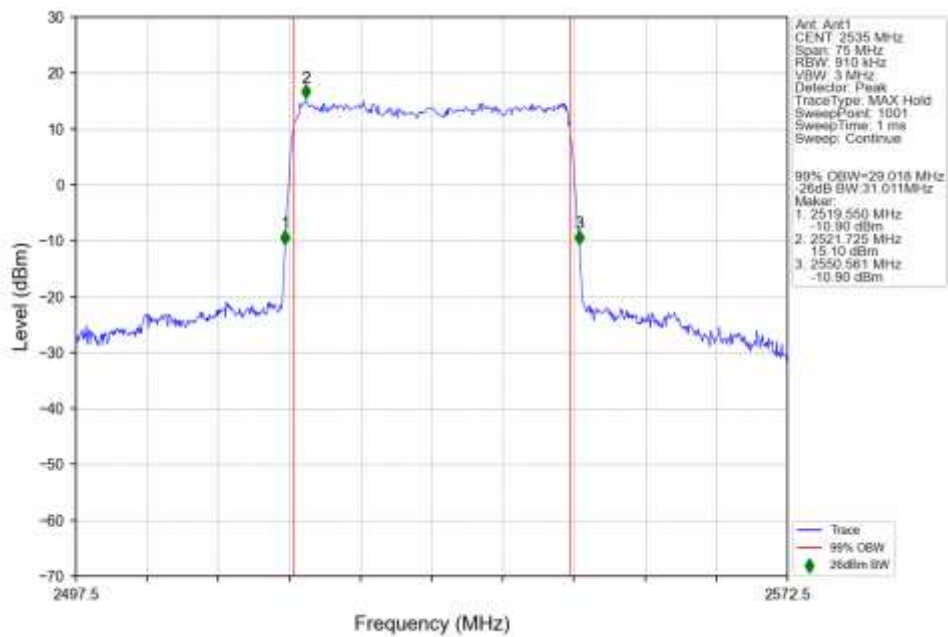
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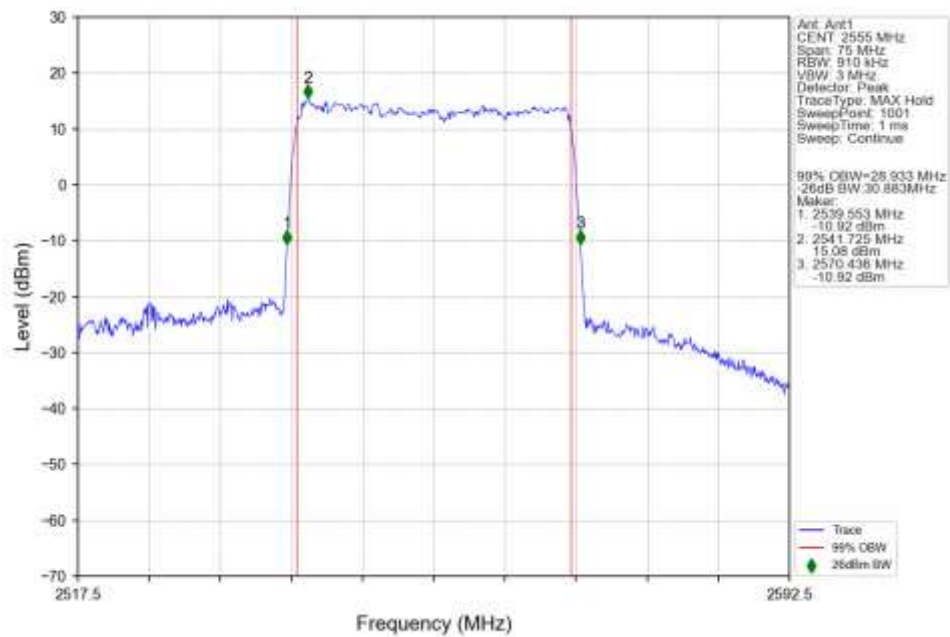
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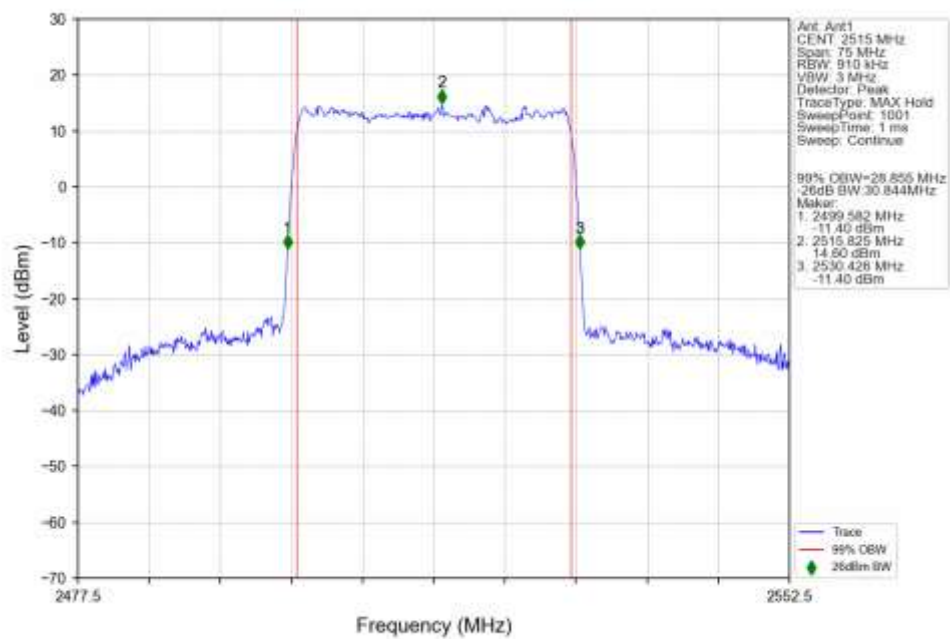
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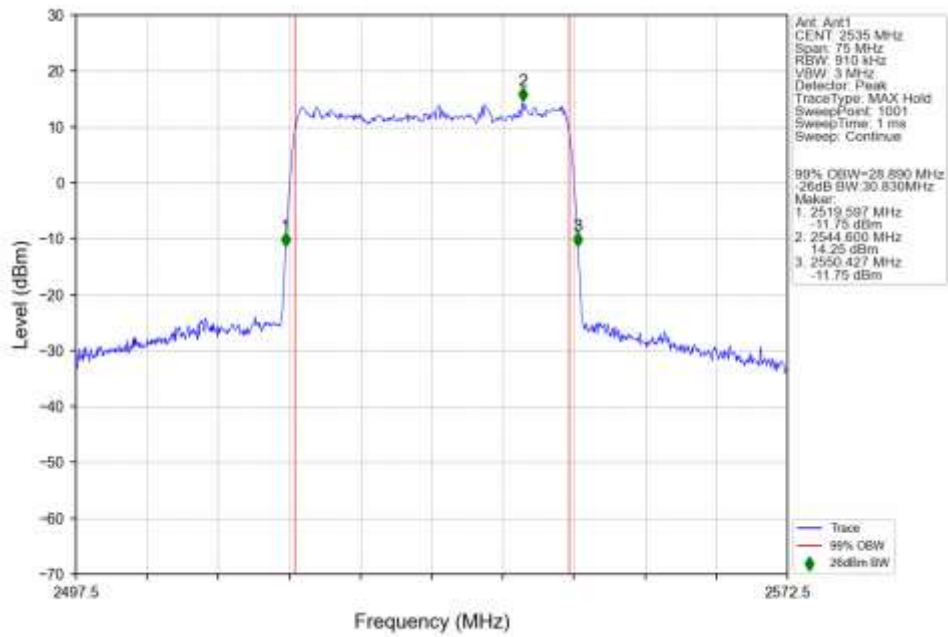
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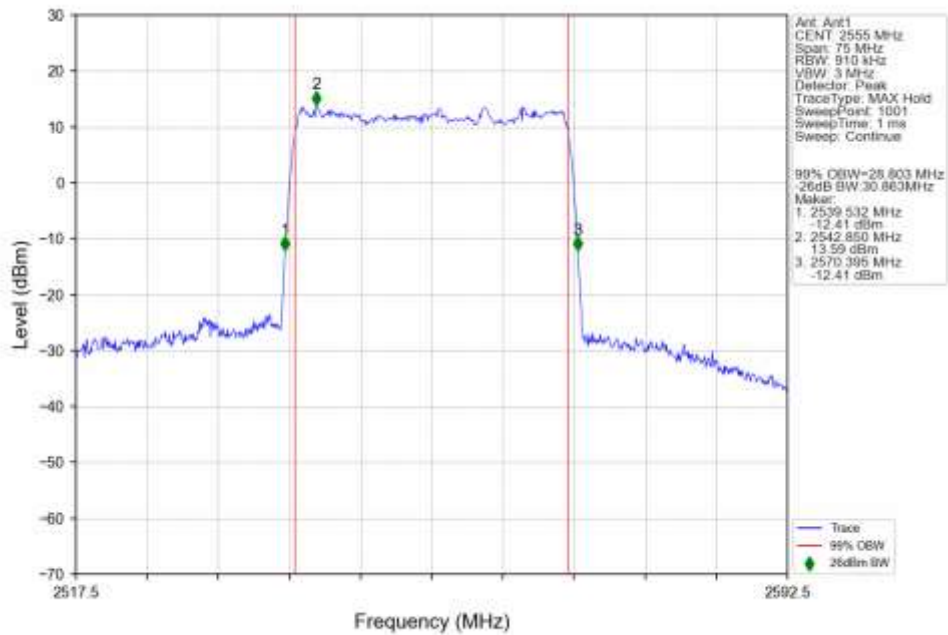
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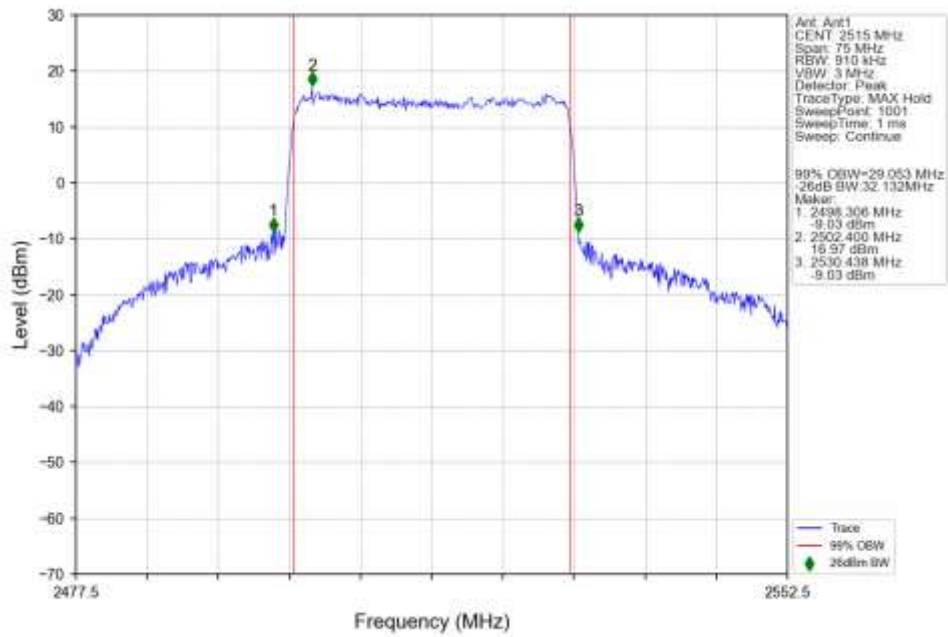
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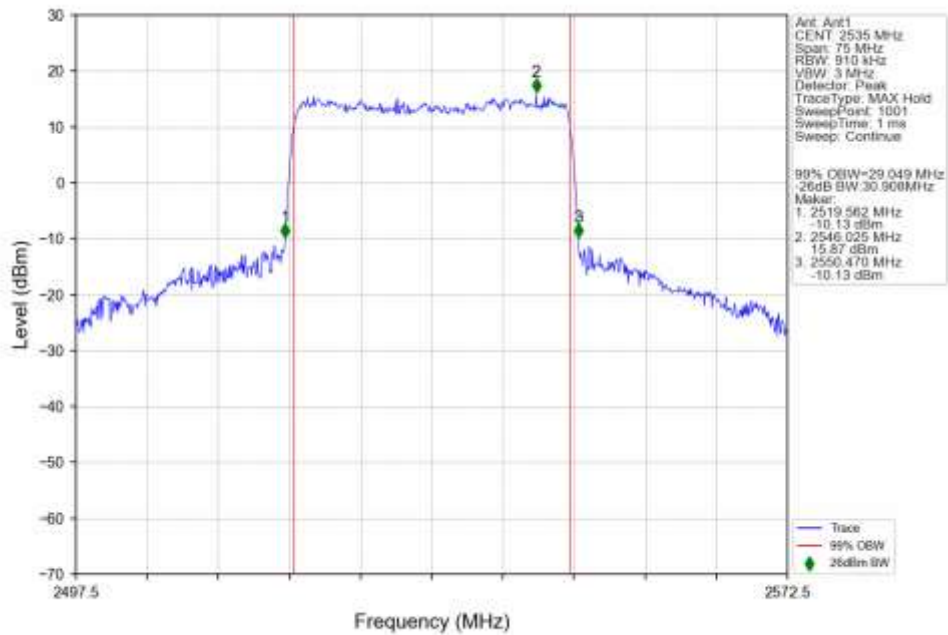
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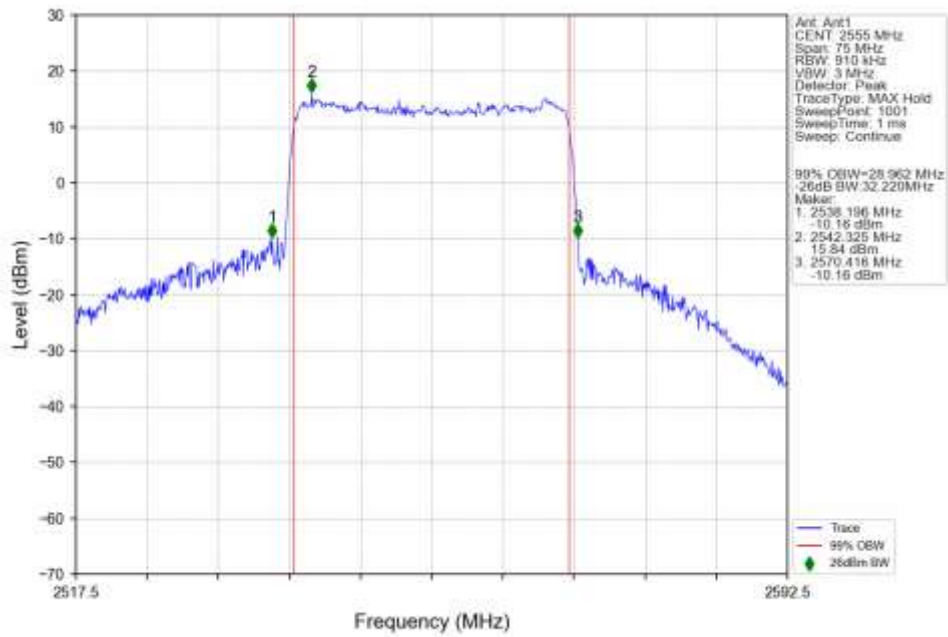
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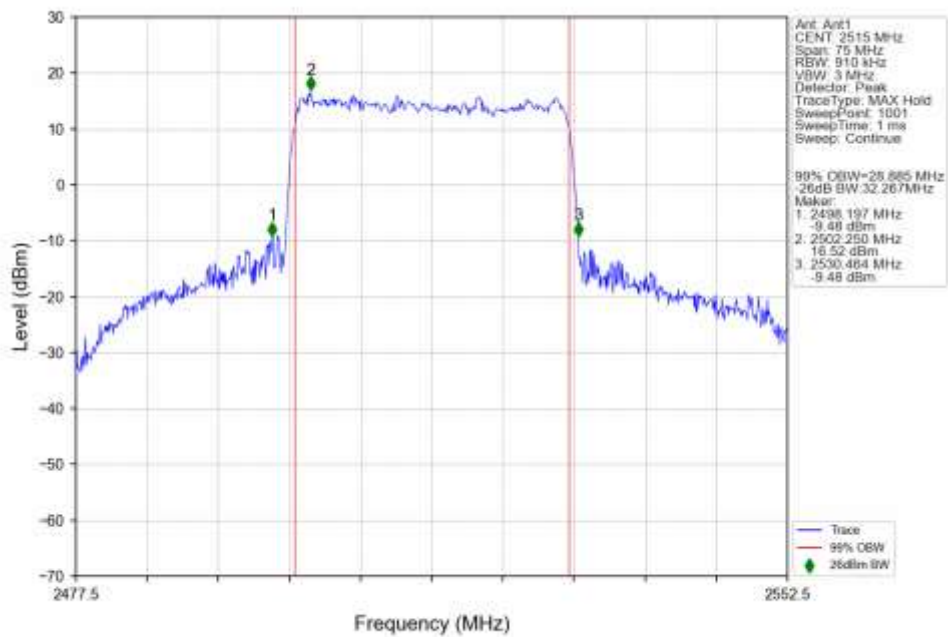
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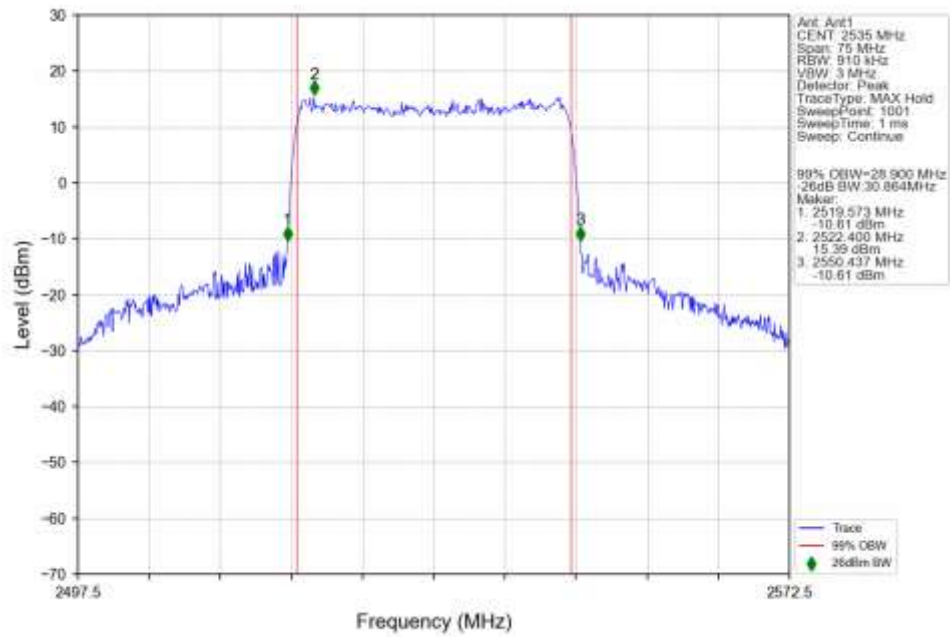
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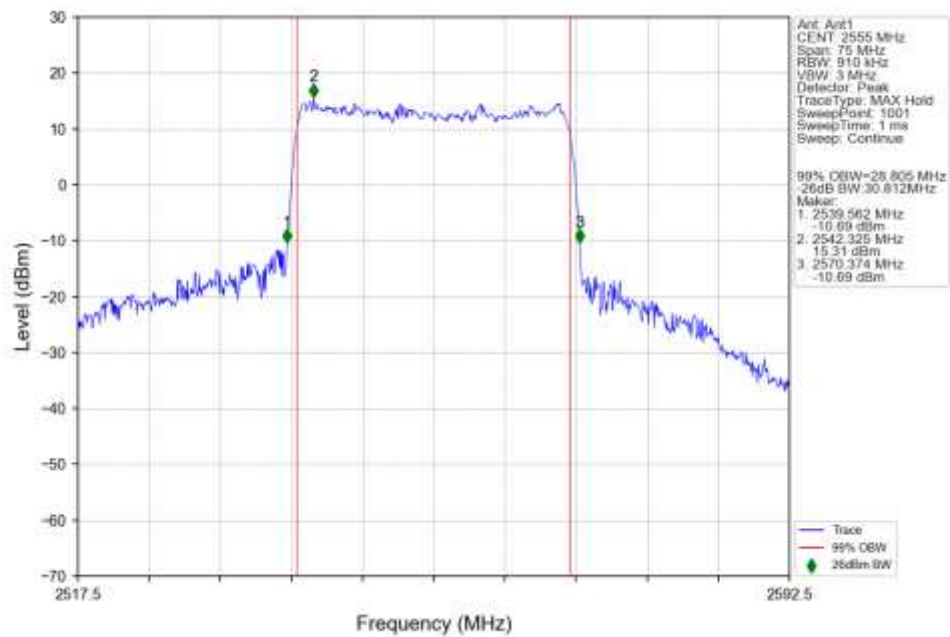
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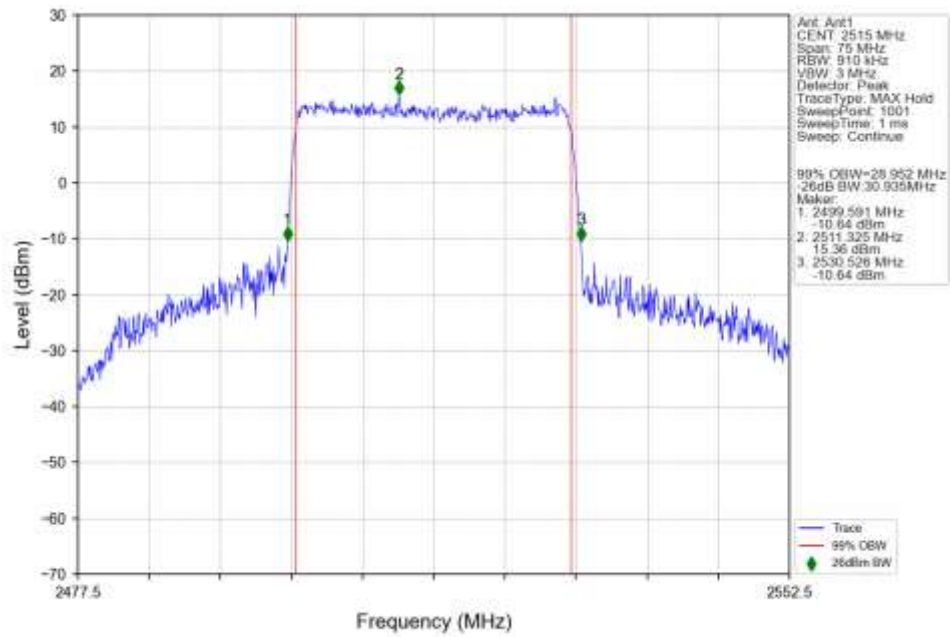
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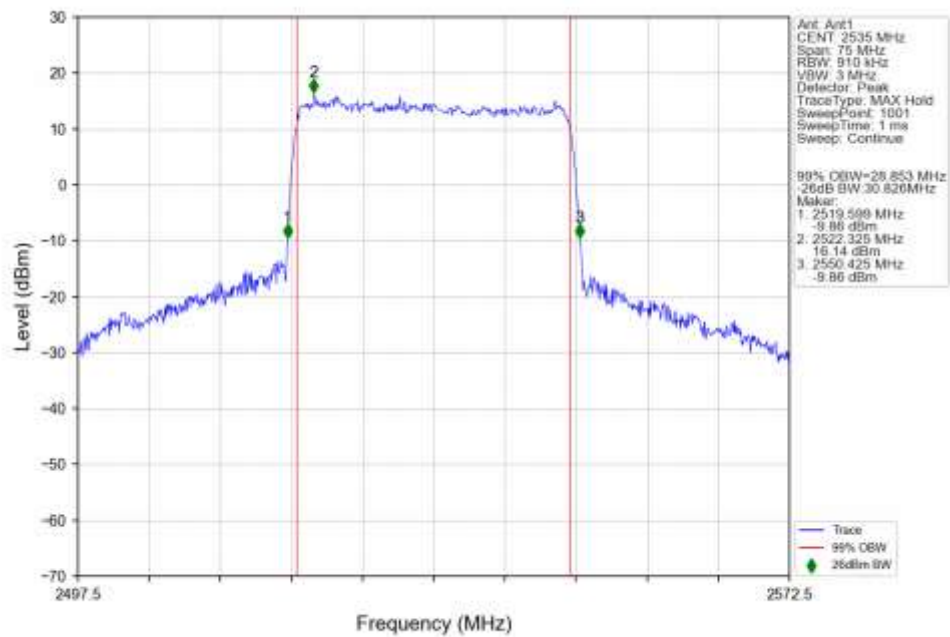
n7 15kHz SISO NTN 30MHz CP-OFDM 16 QAM 2555MHz Outer Full Ant1



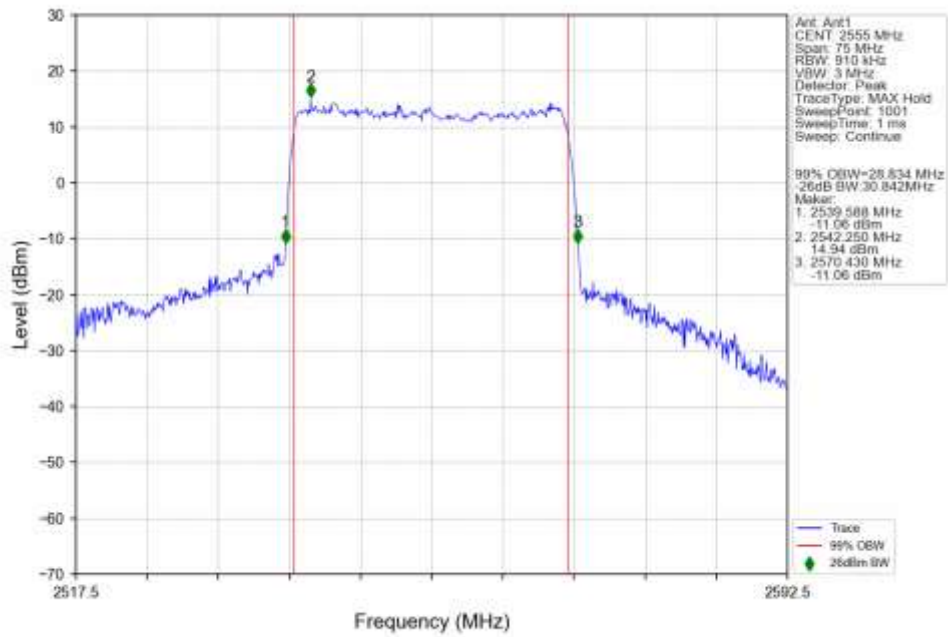
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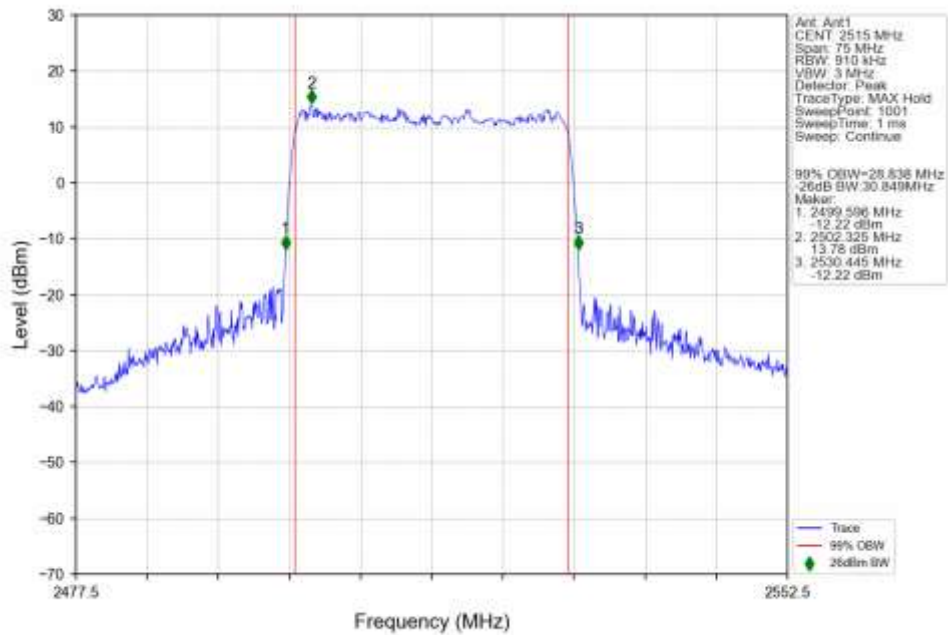
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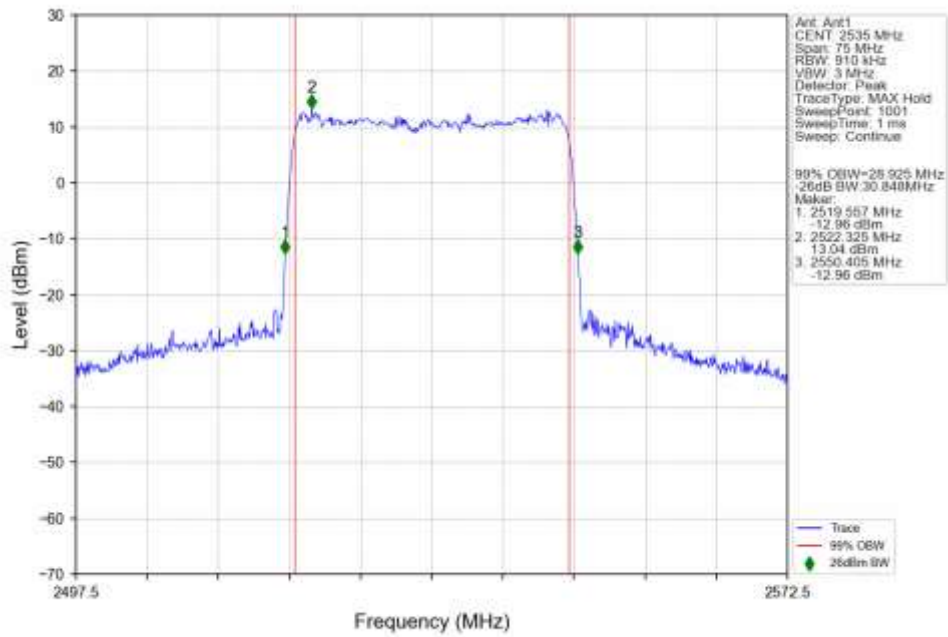
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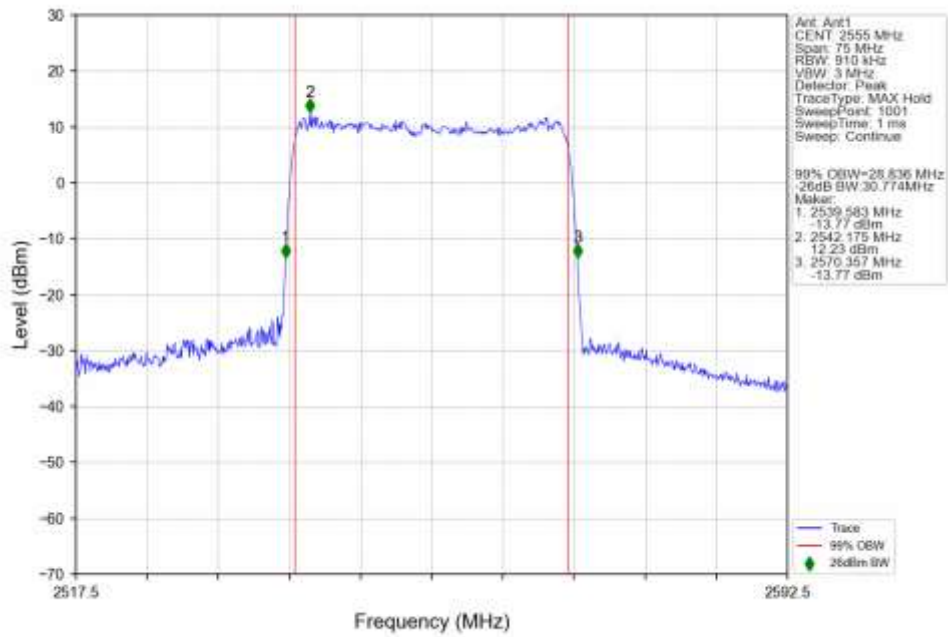
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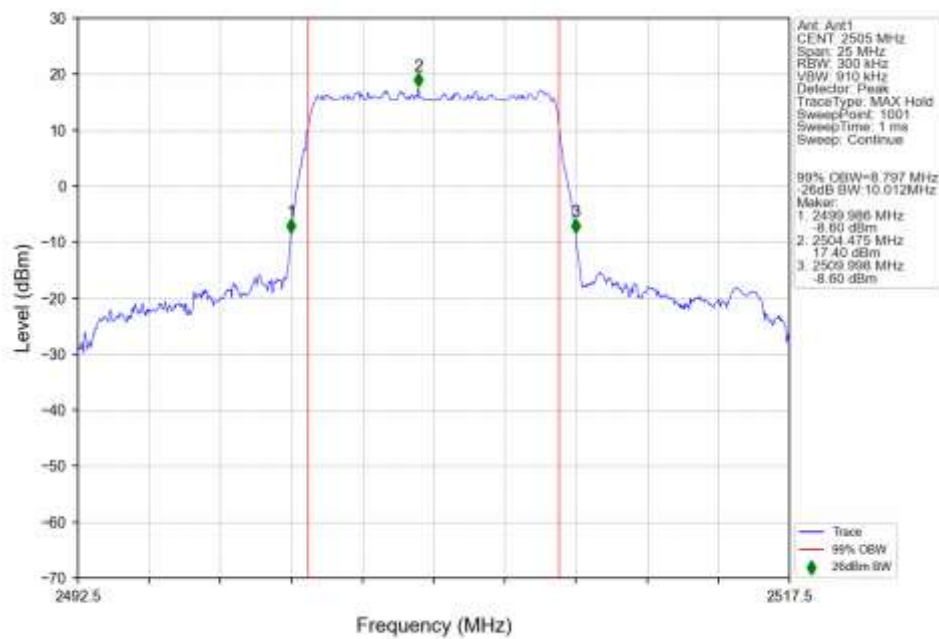


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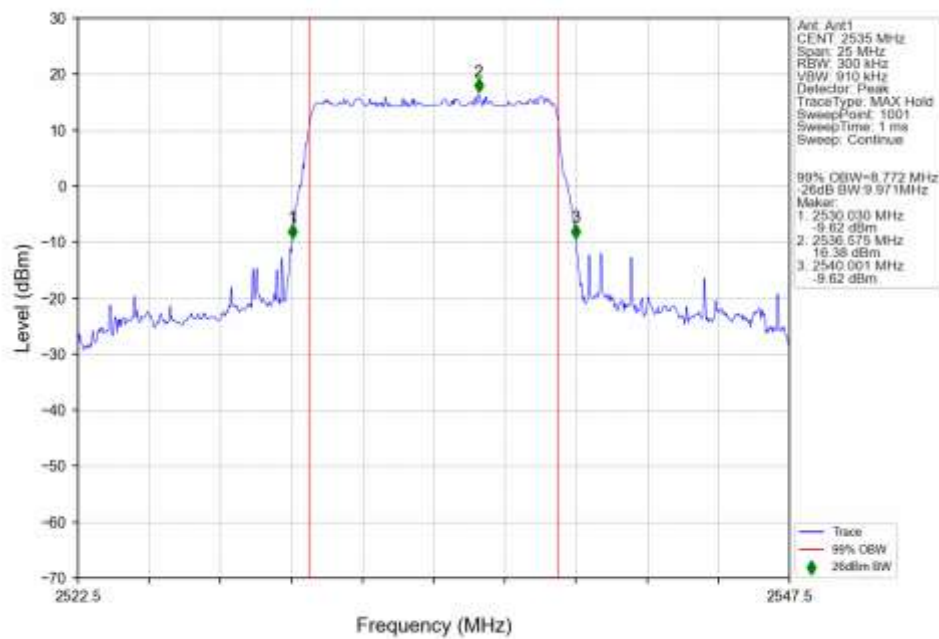


4.2.7 30k_SISO_10MHz_NTNV

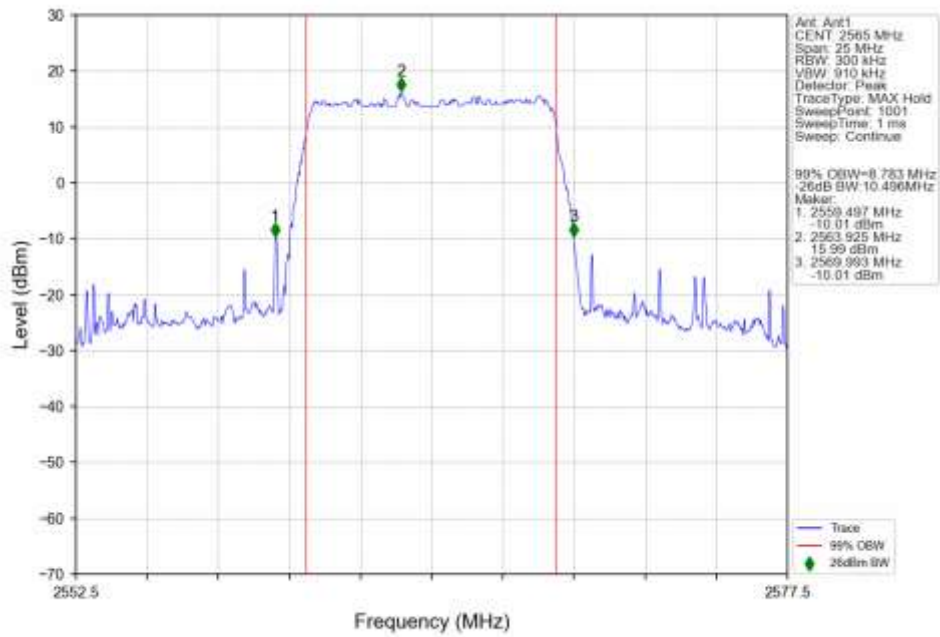
n7_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_QPSK_2505MHz_Outer_Full_Ant1



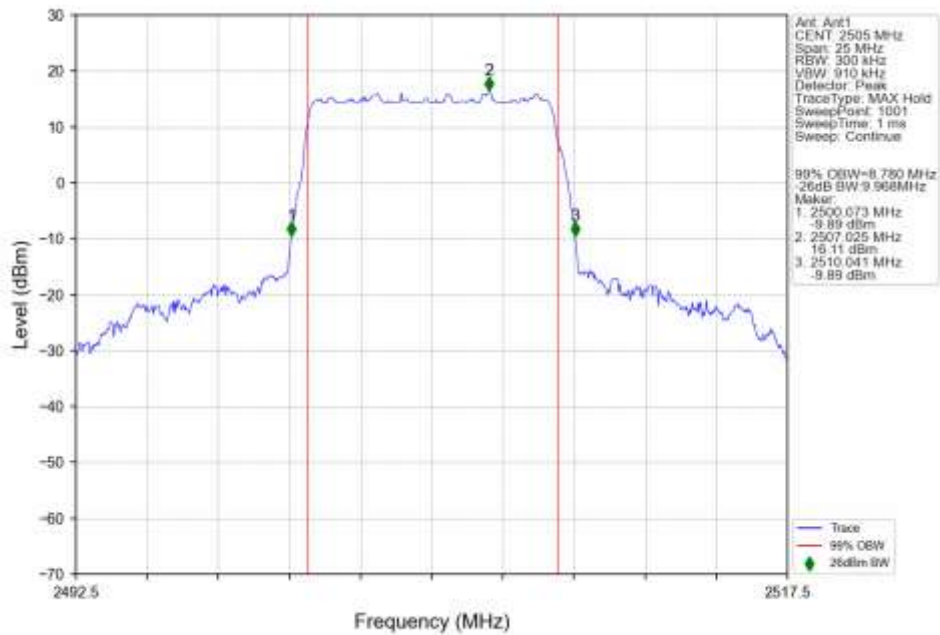
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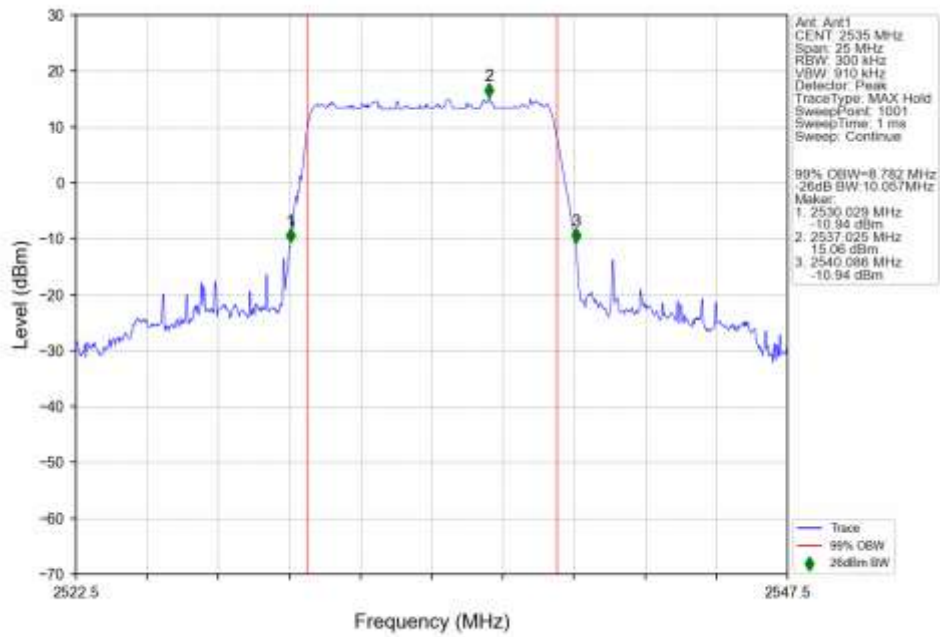
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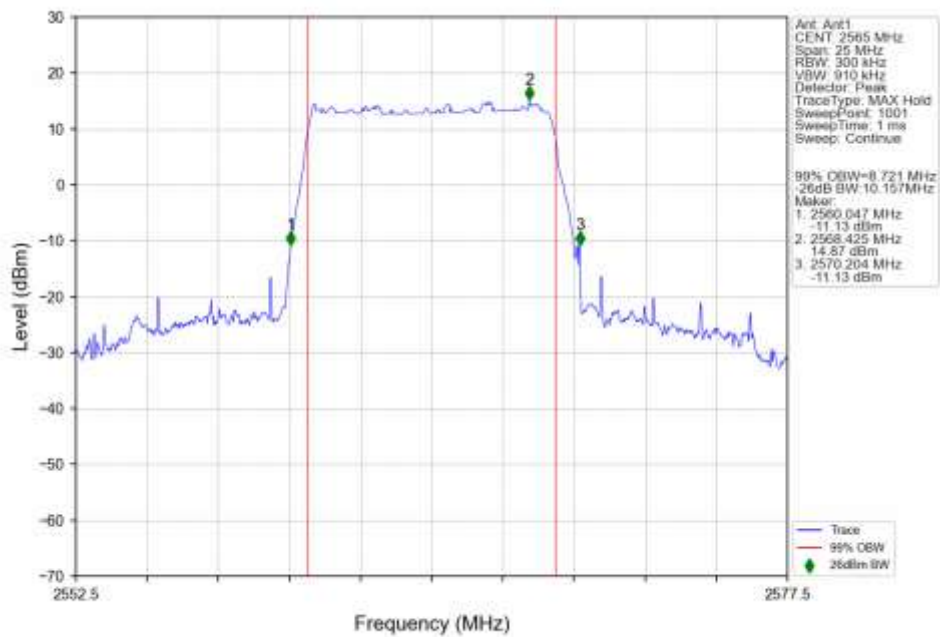
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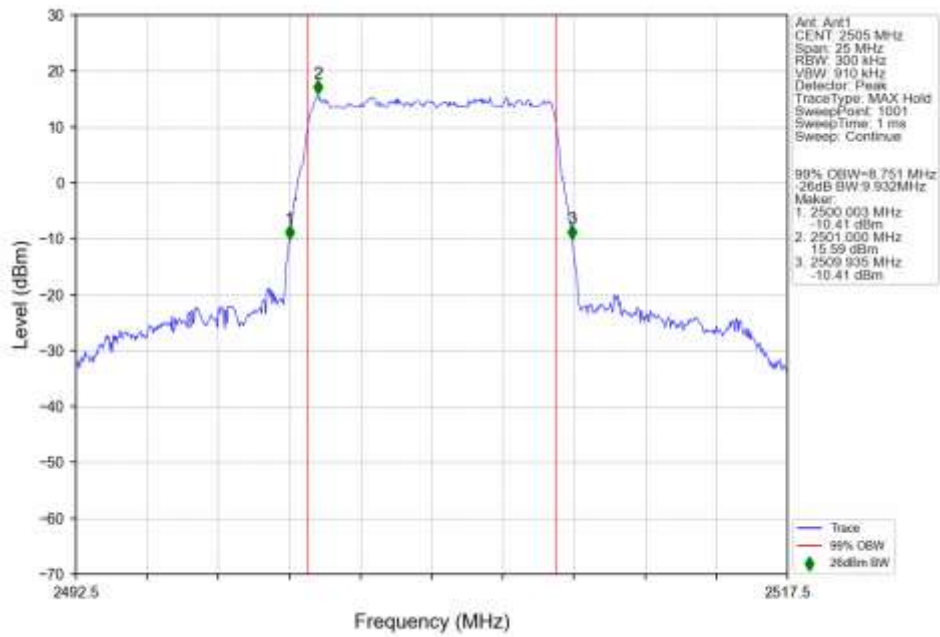
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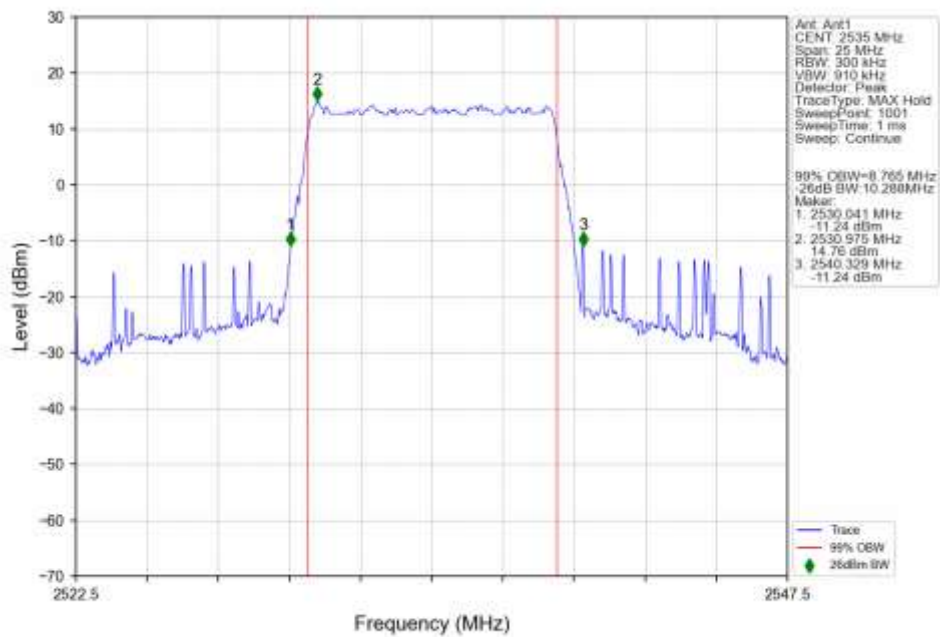
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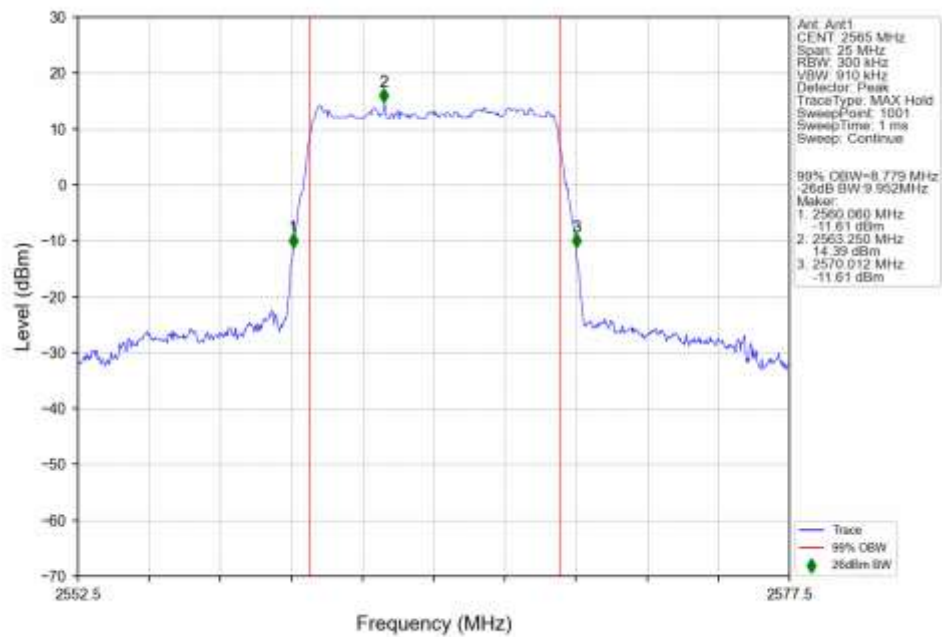
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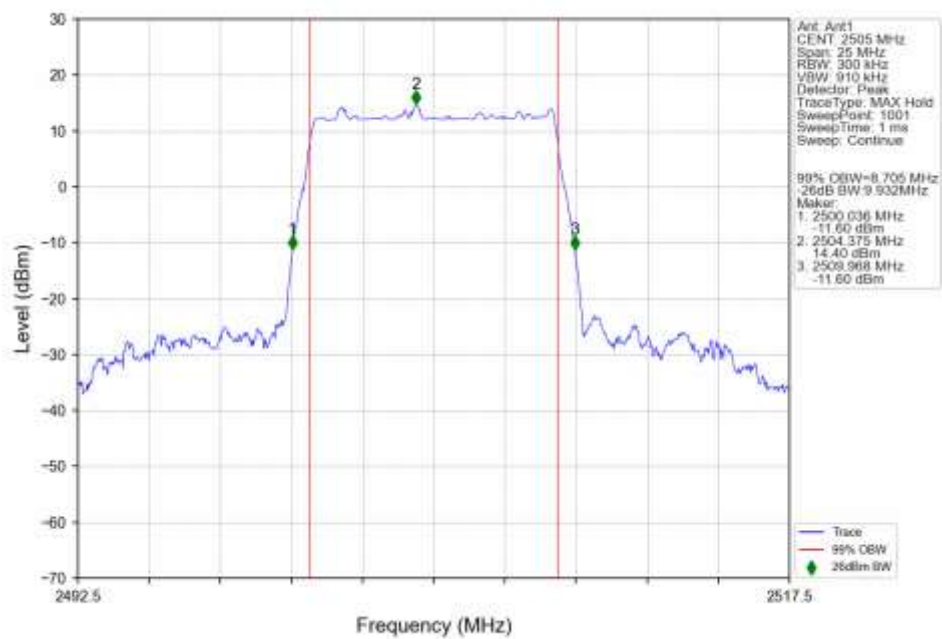
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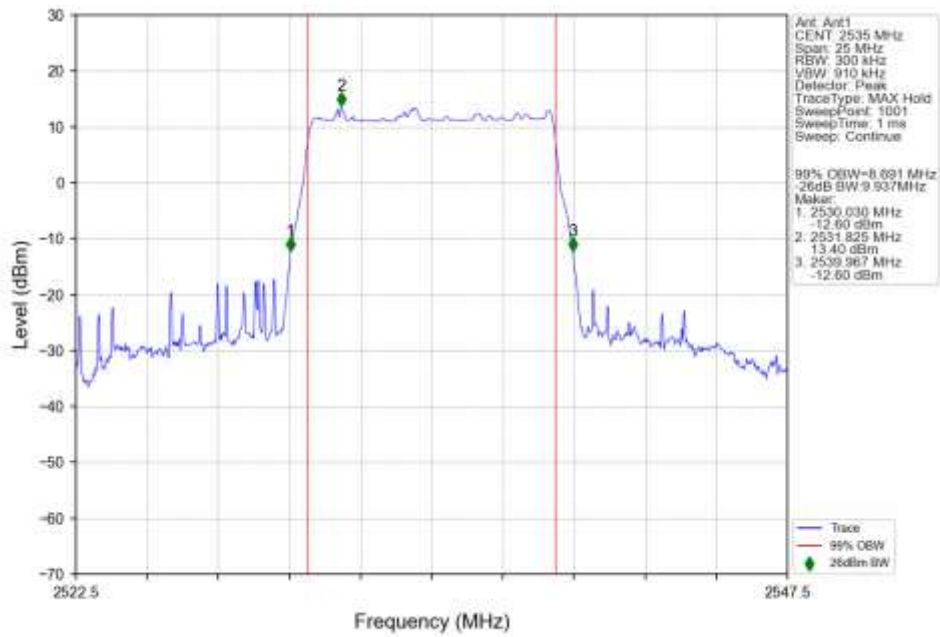
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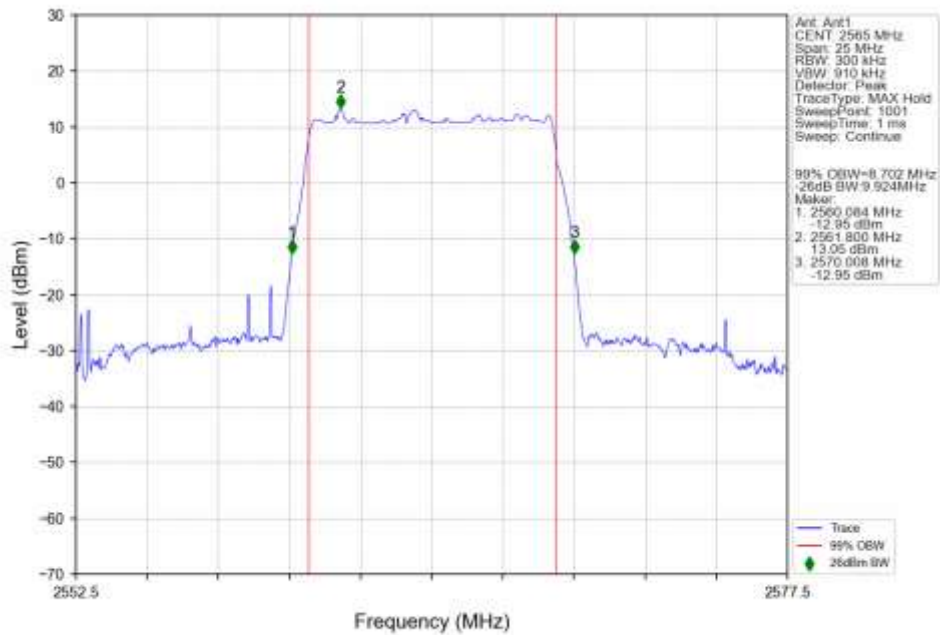
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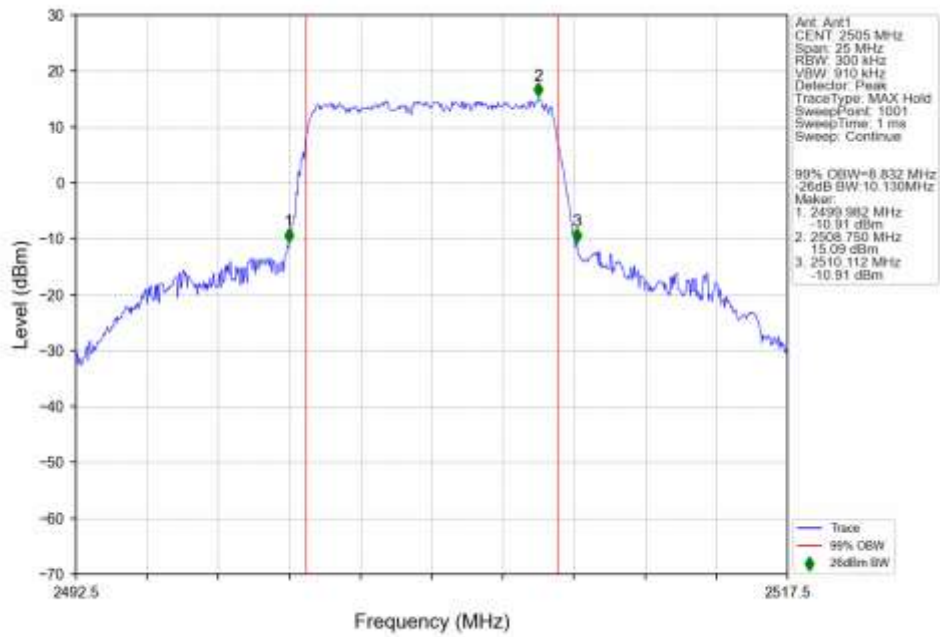
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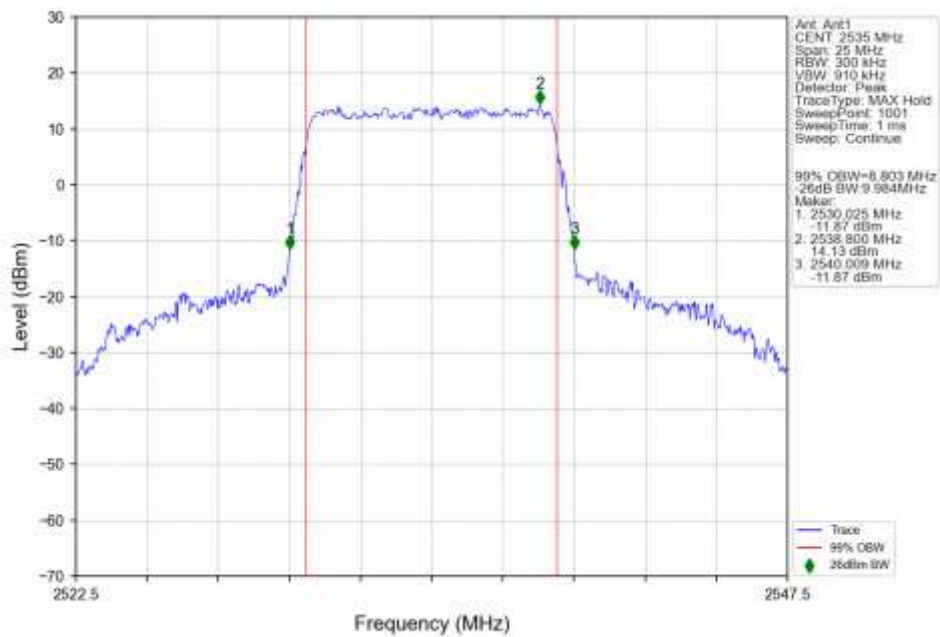
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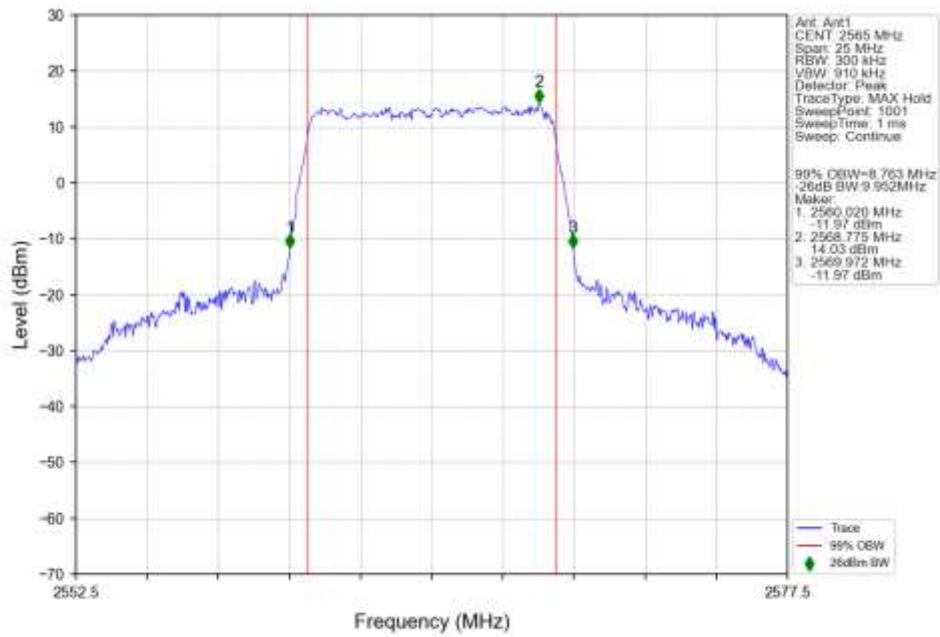
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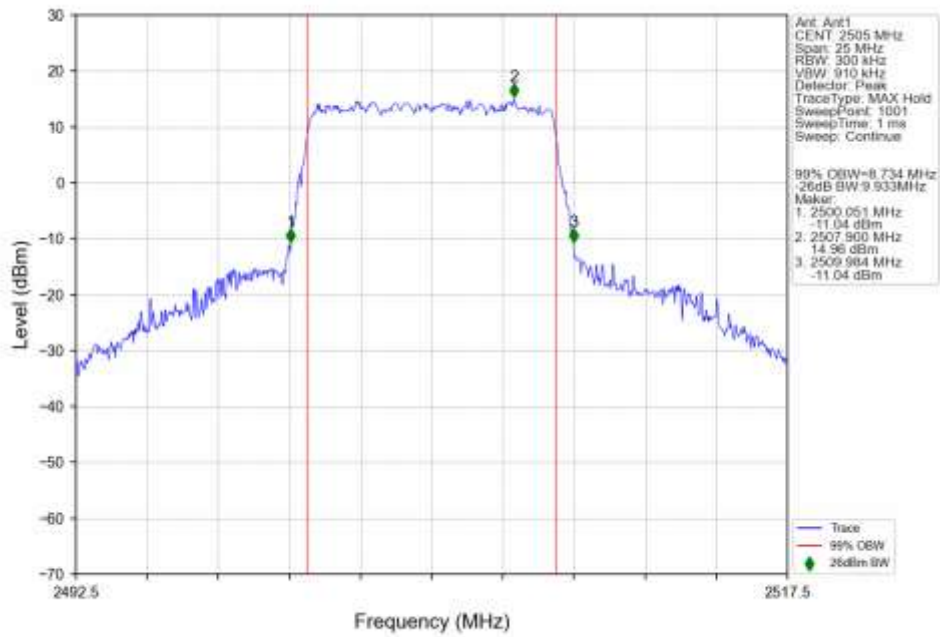
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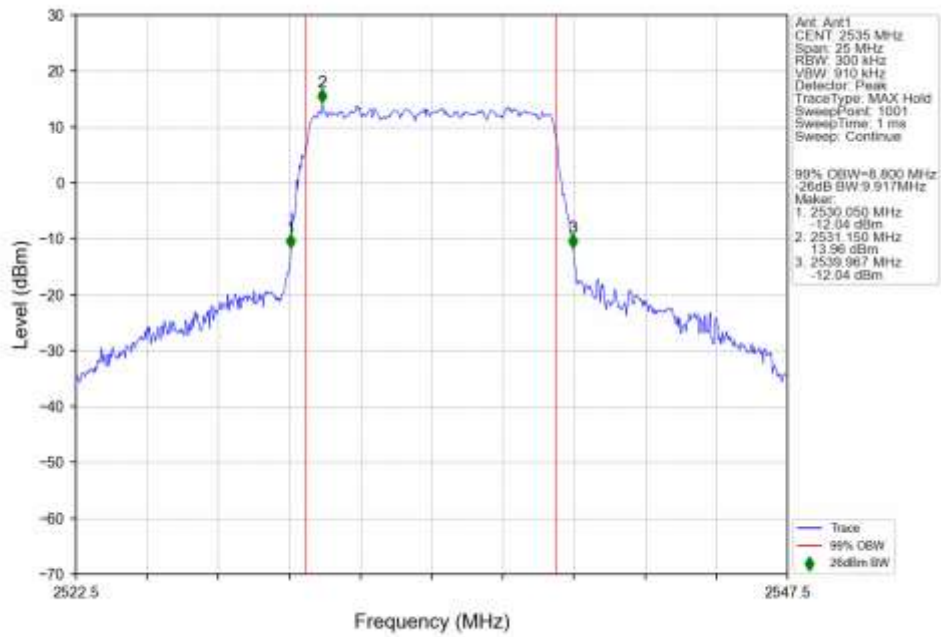
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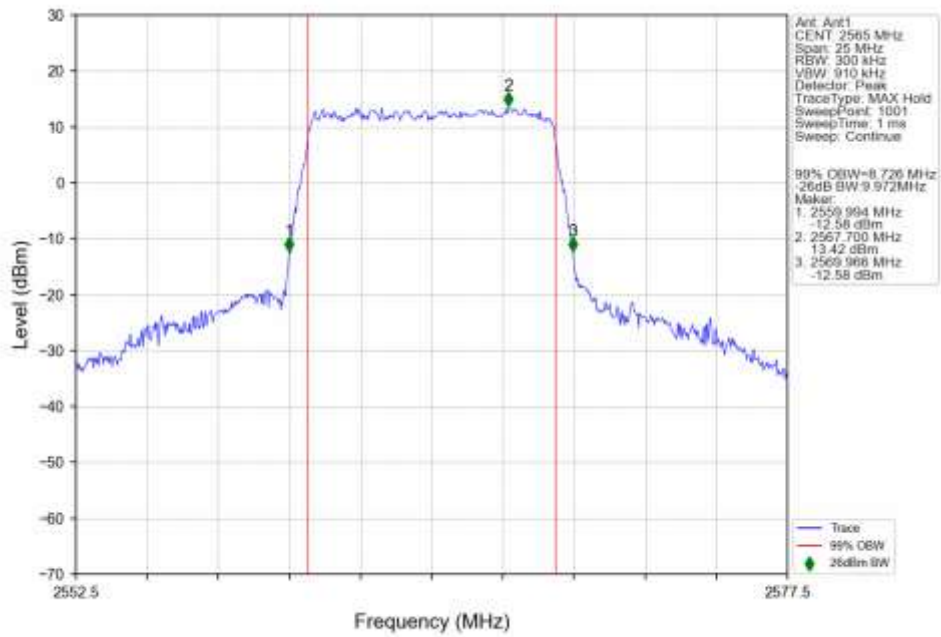
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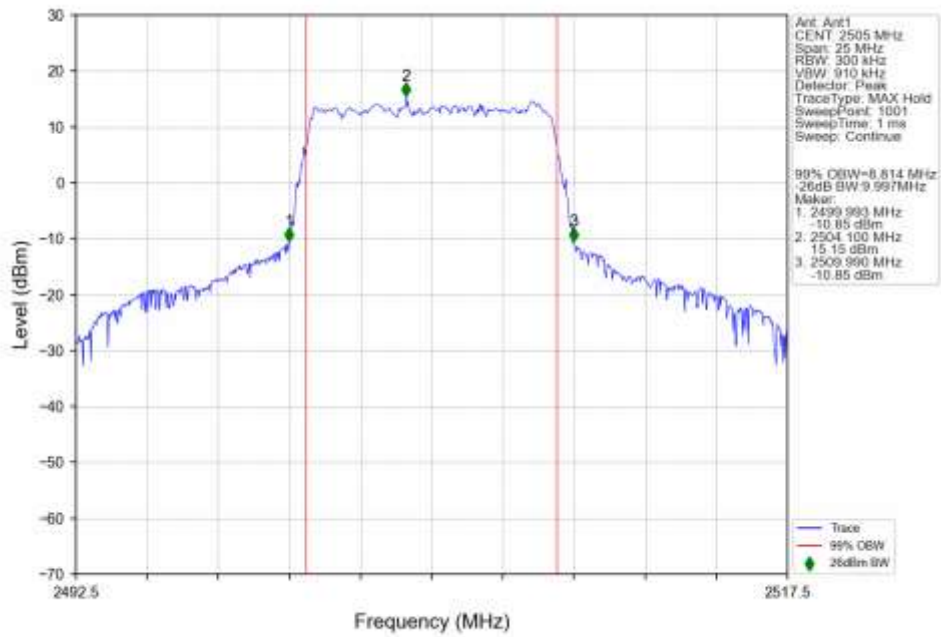
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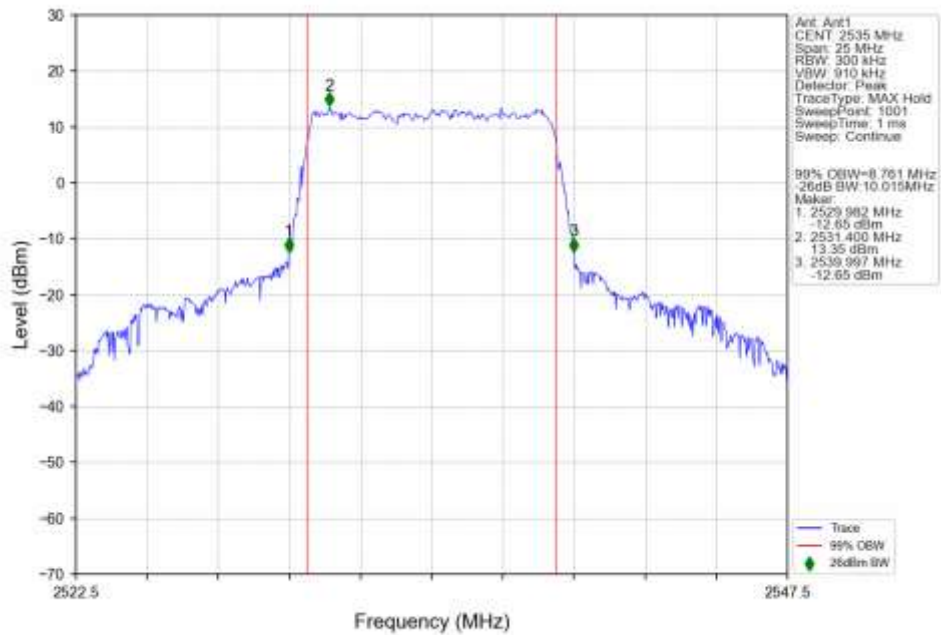
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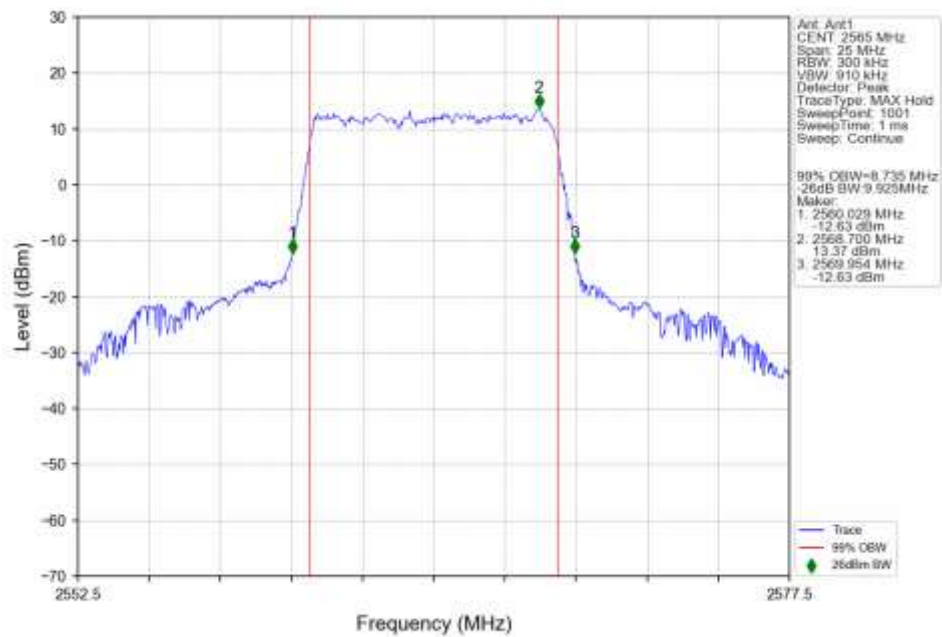
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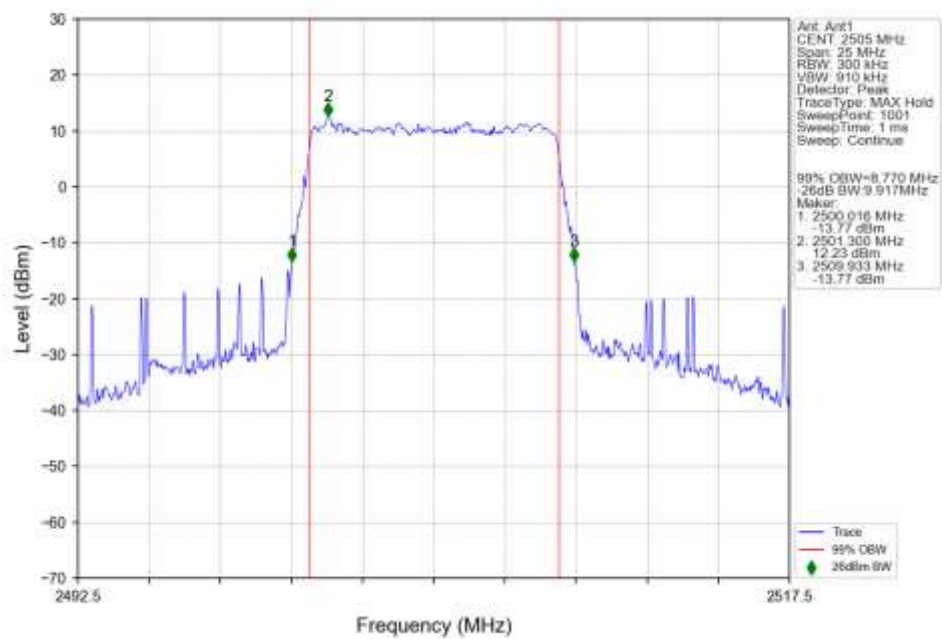
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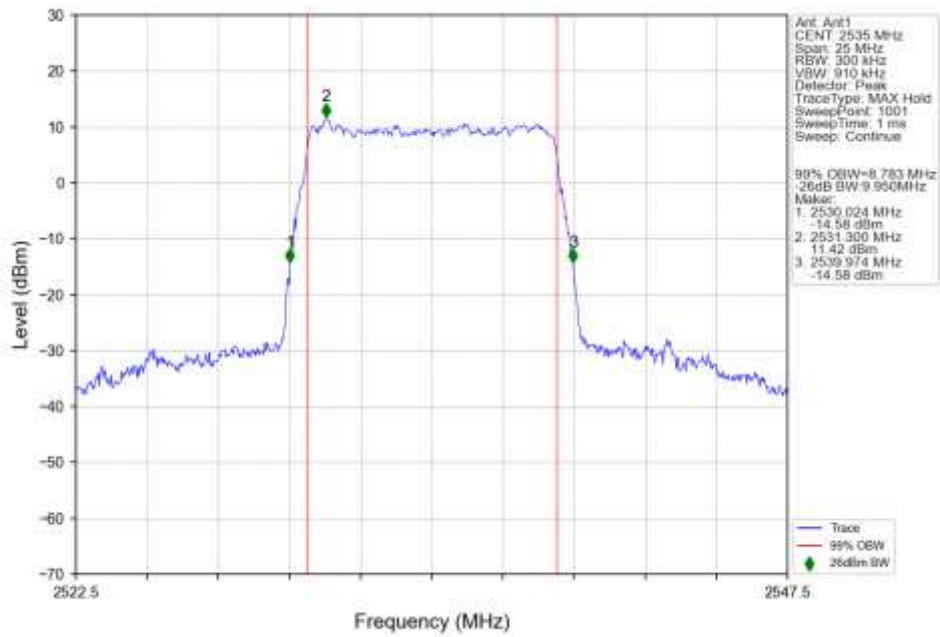
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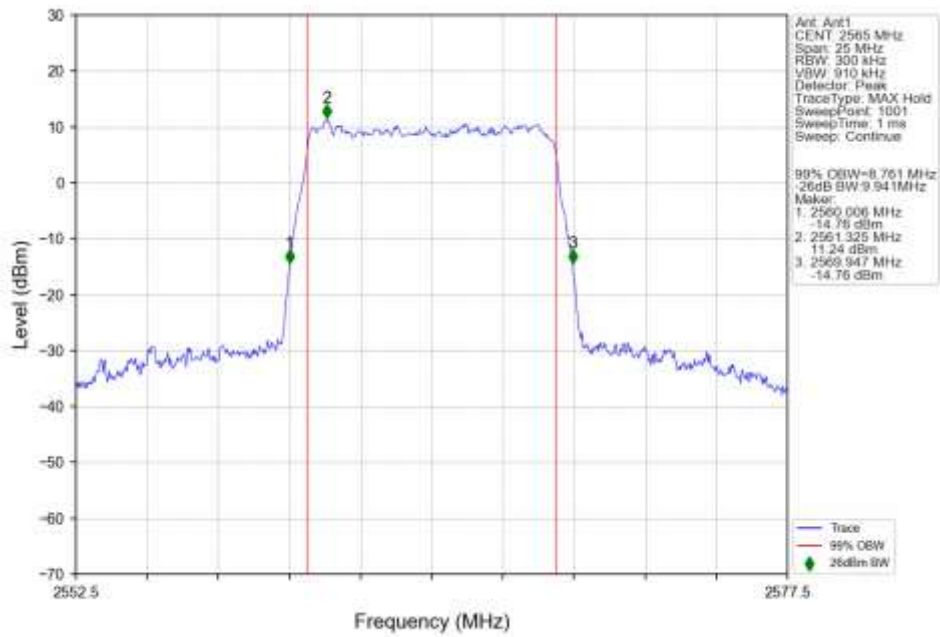
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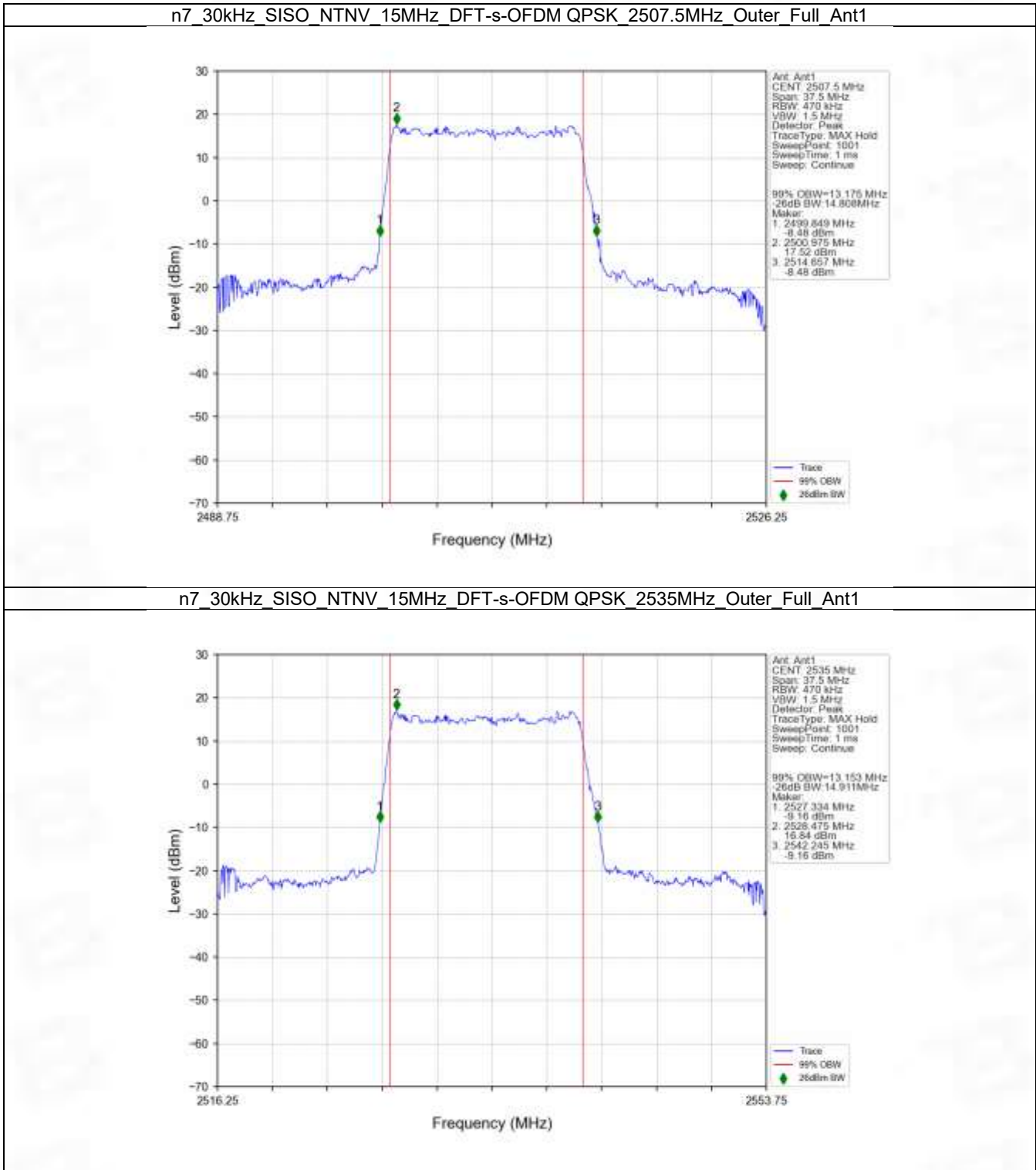
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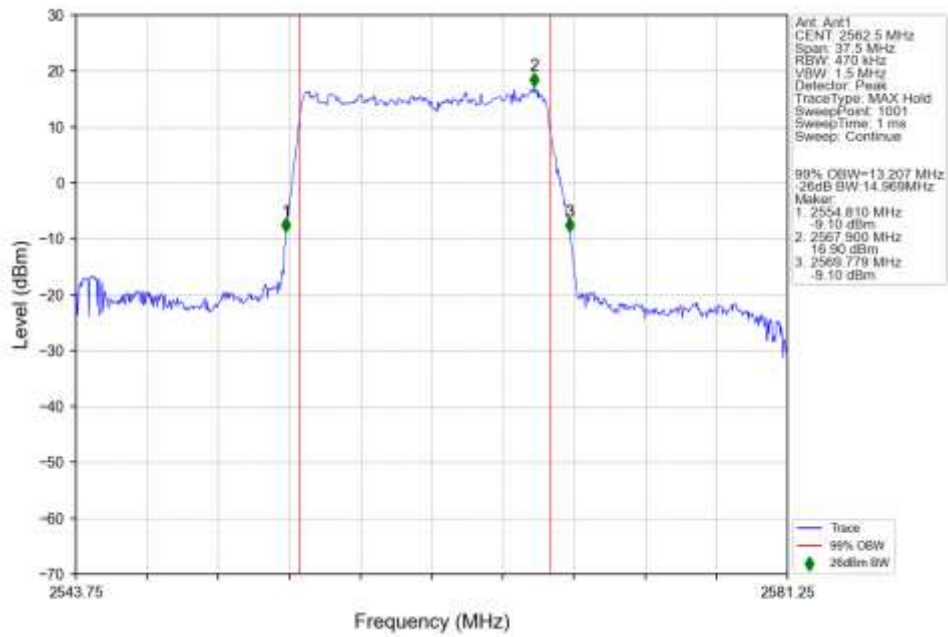
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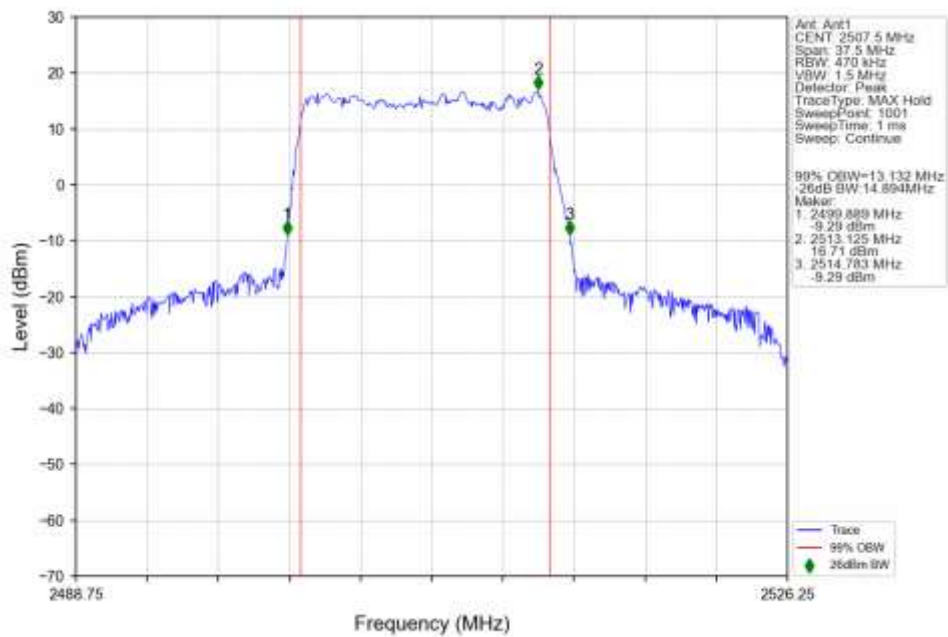
4.2.8 30k_SISO_15MHz_NTNV



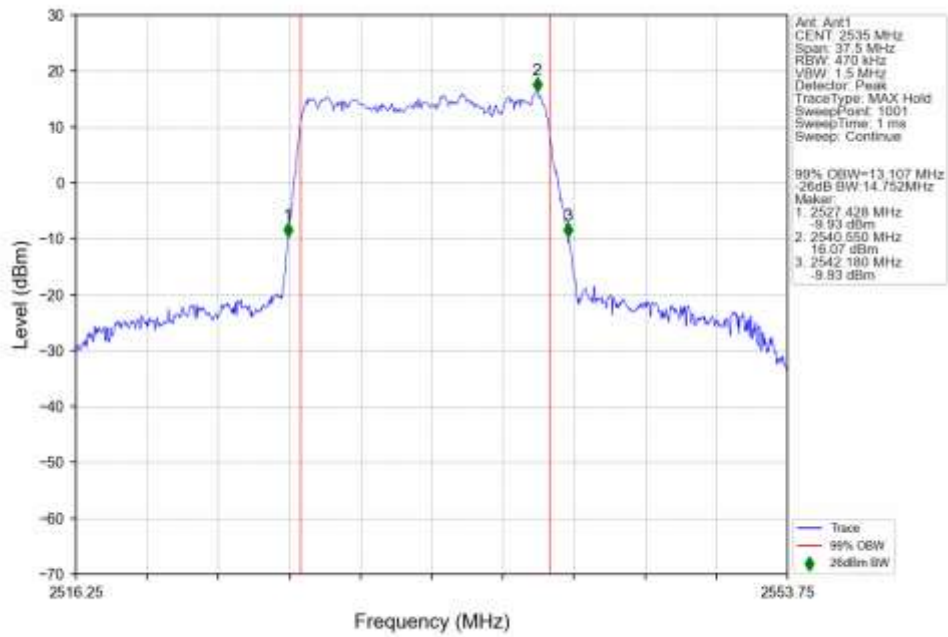
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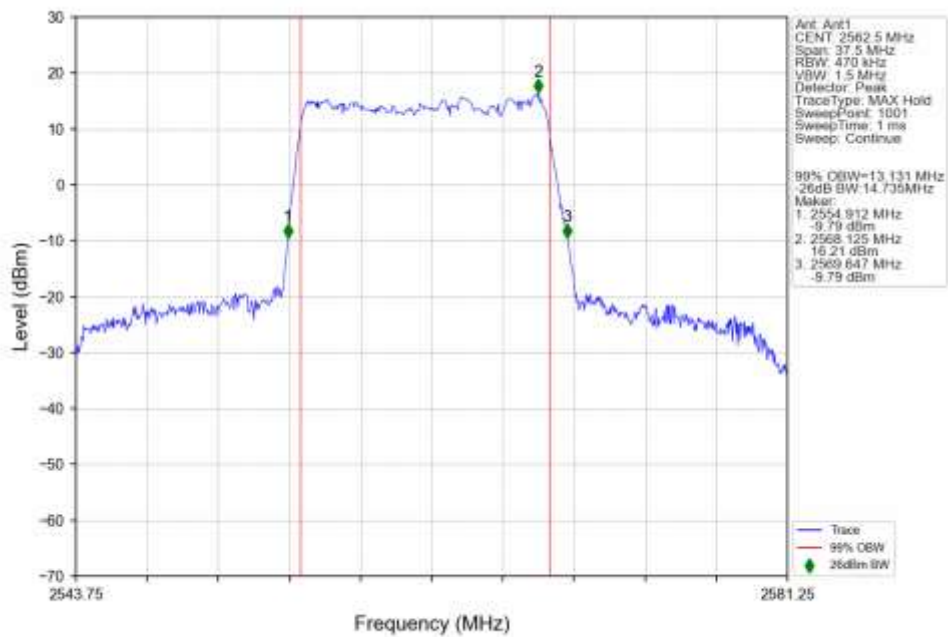
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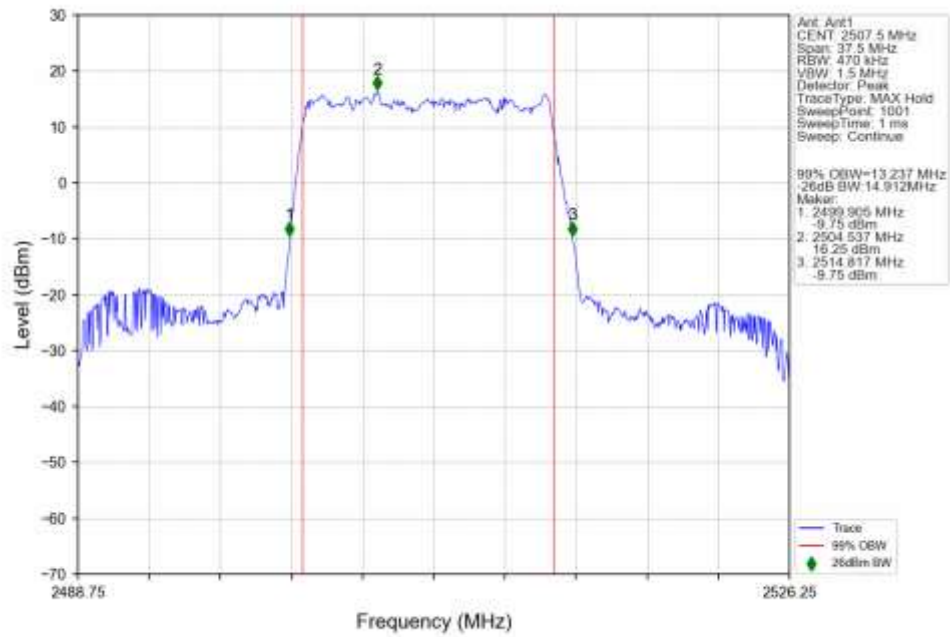
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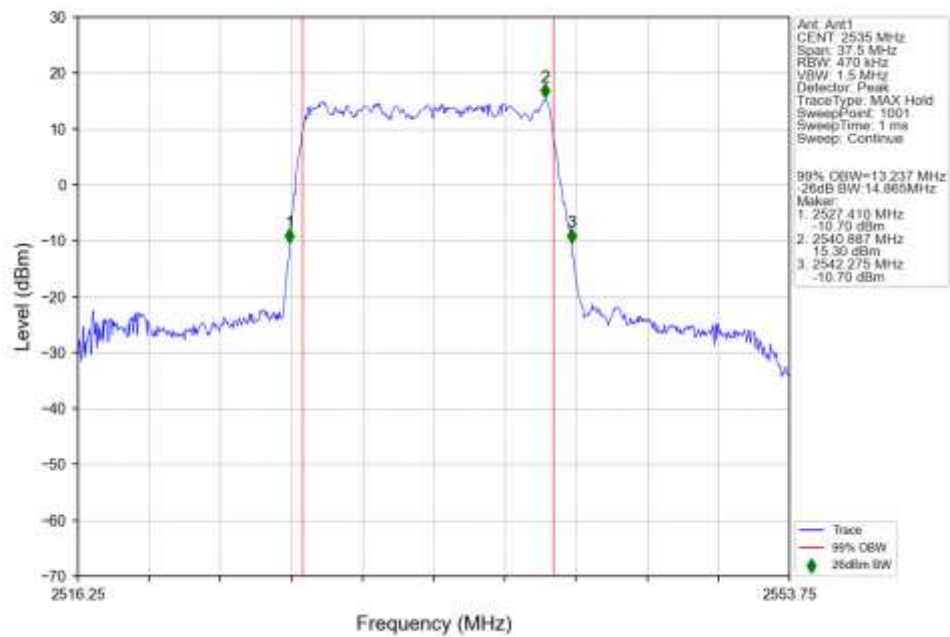
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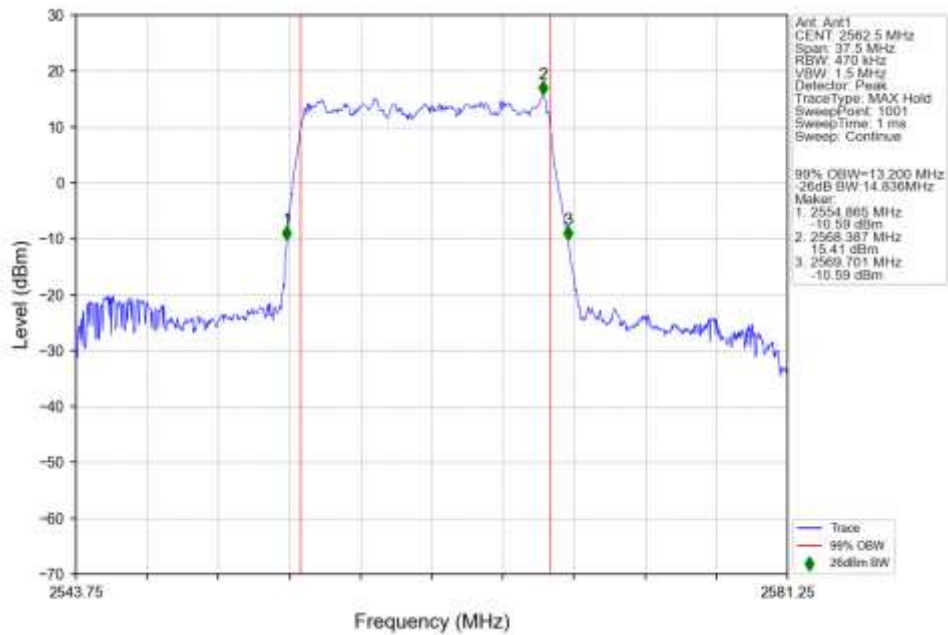
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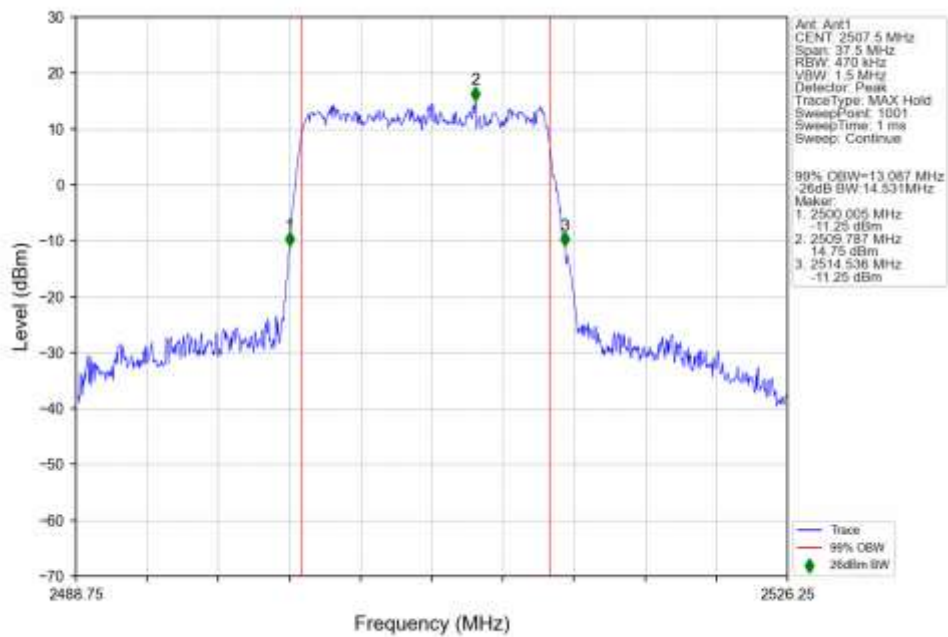
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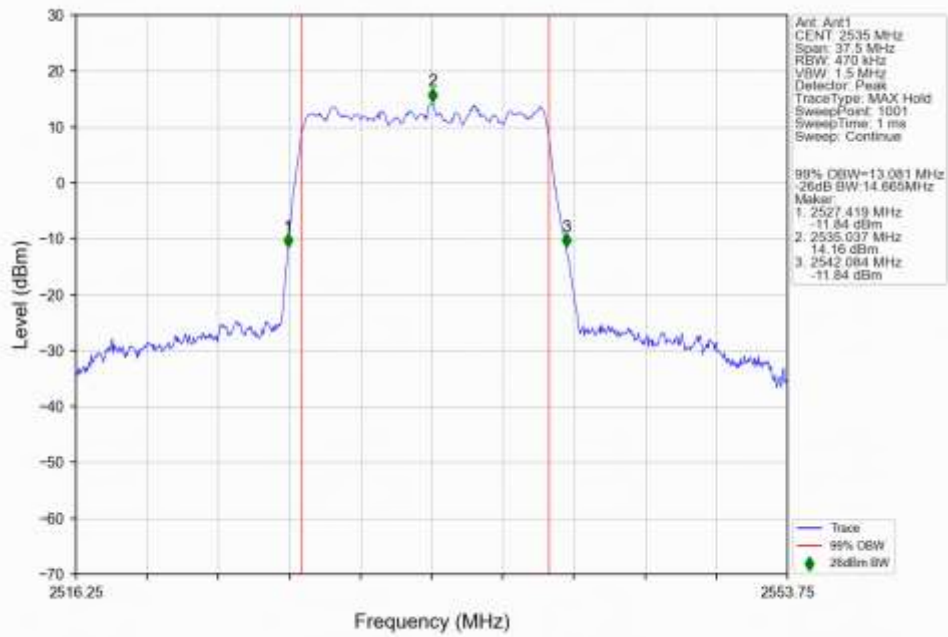
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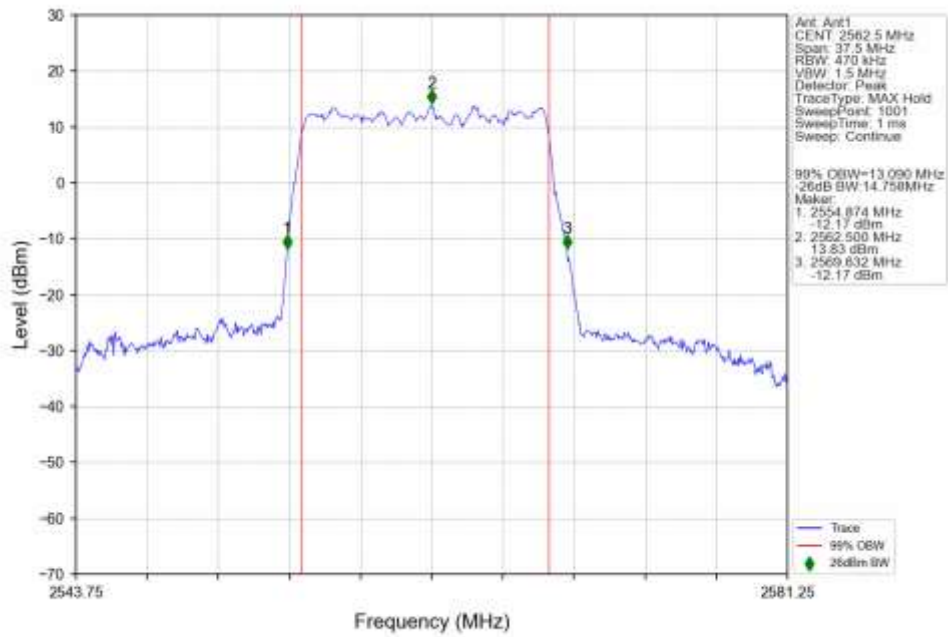
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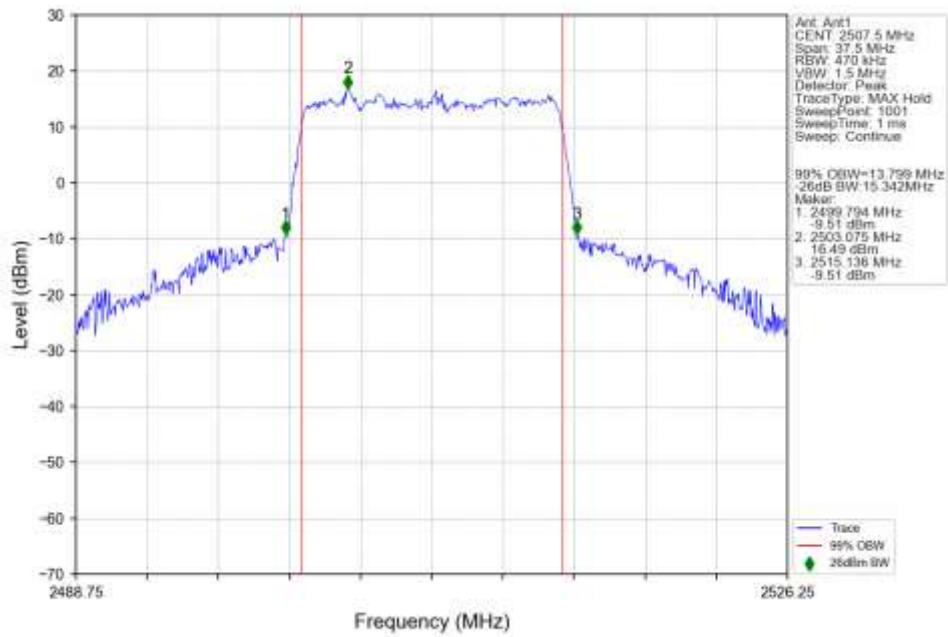
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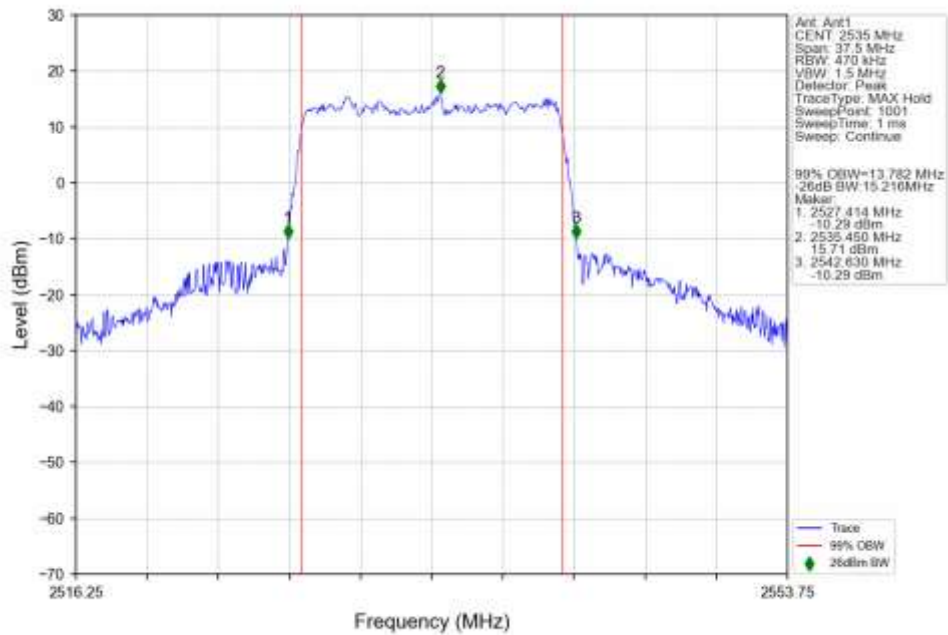
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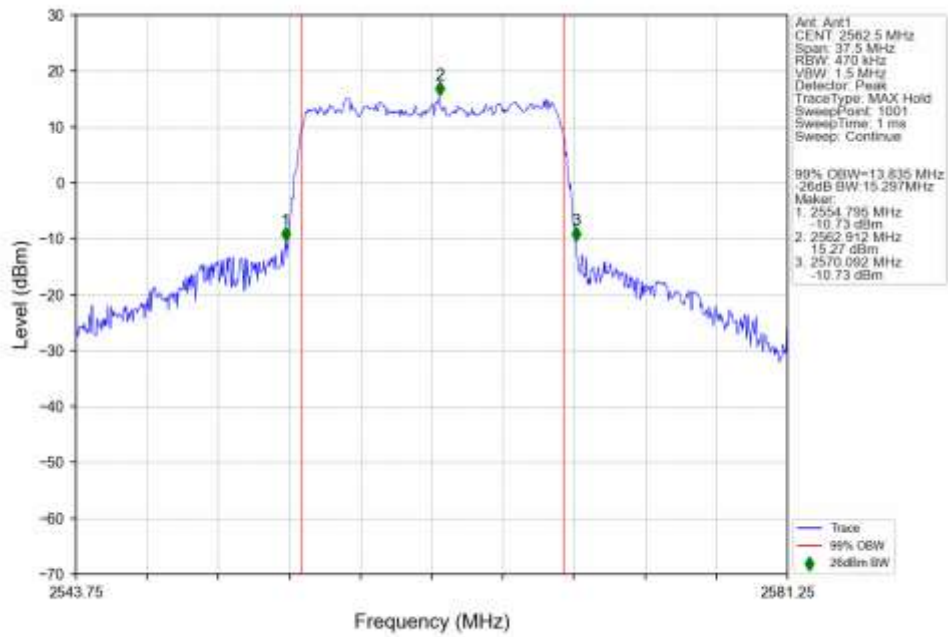
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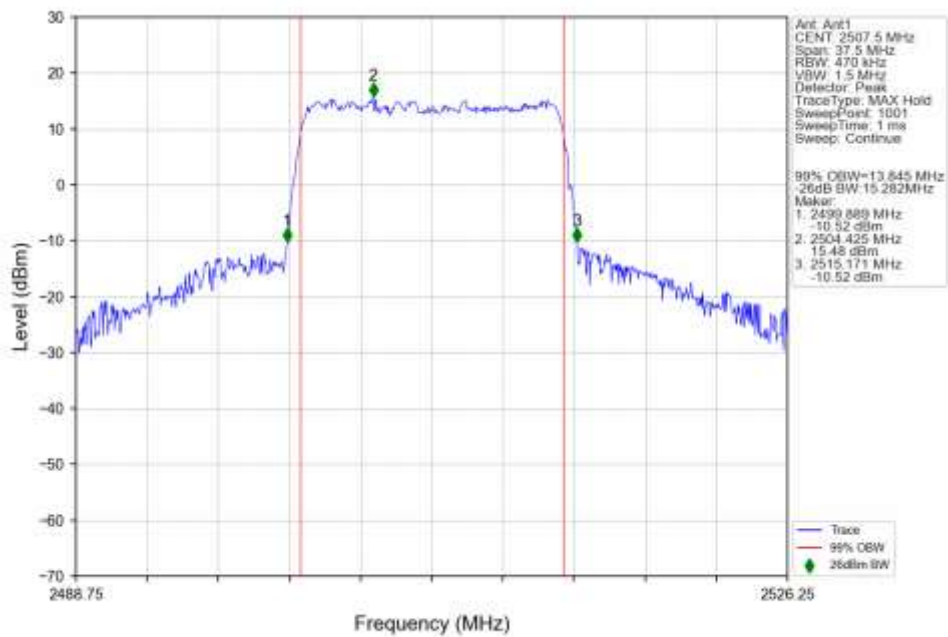
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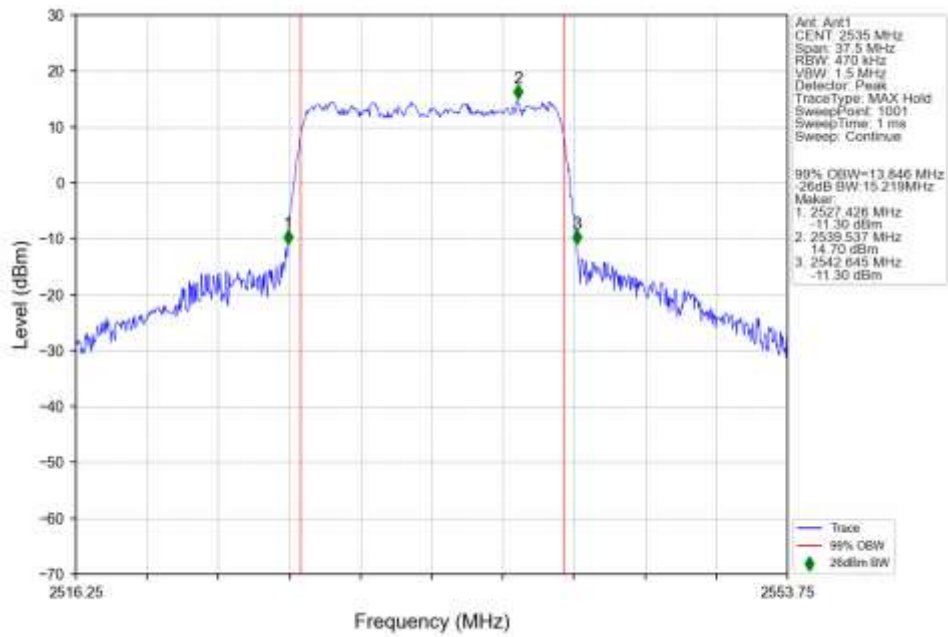
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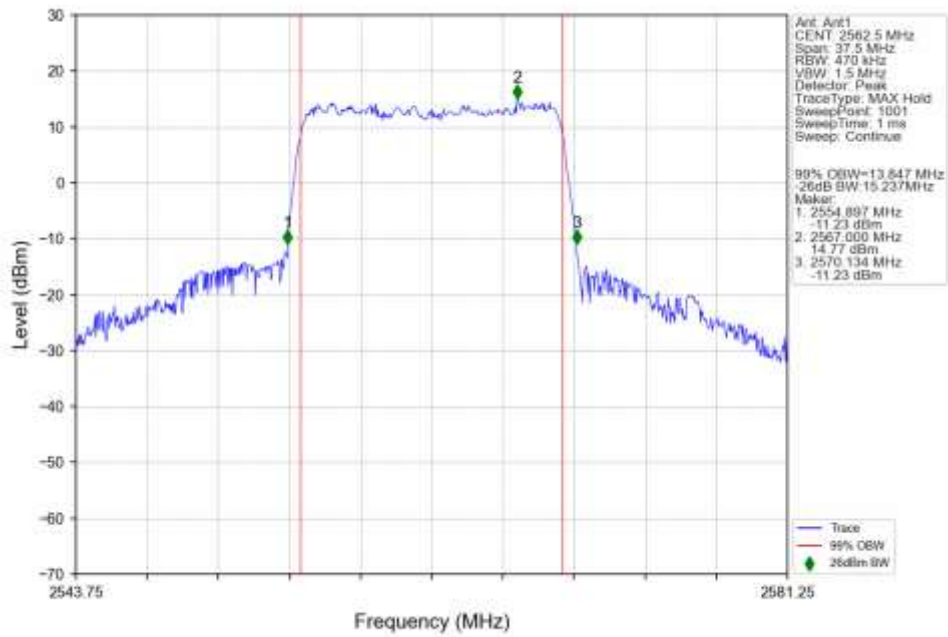
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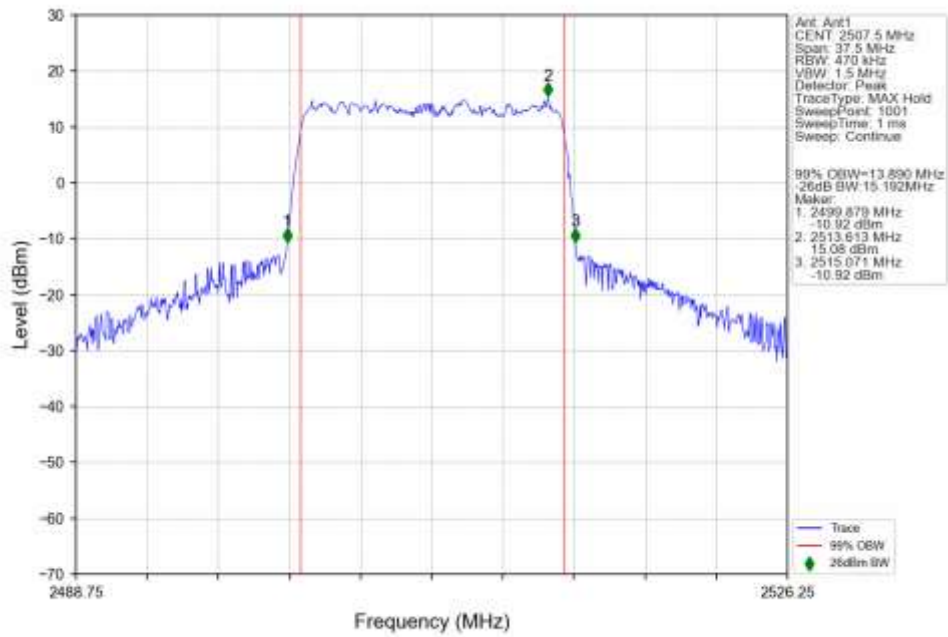
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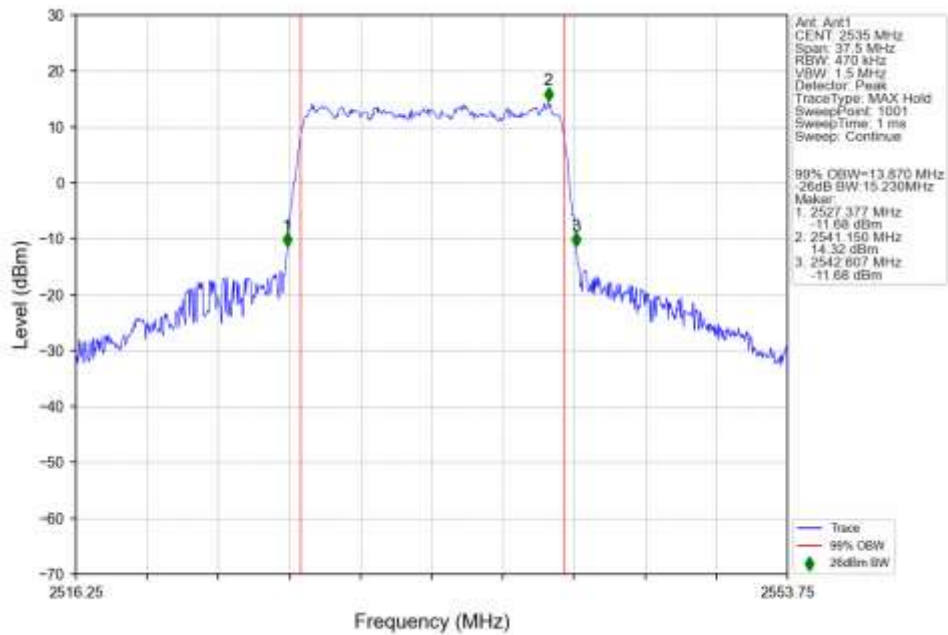
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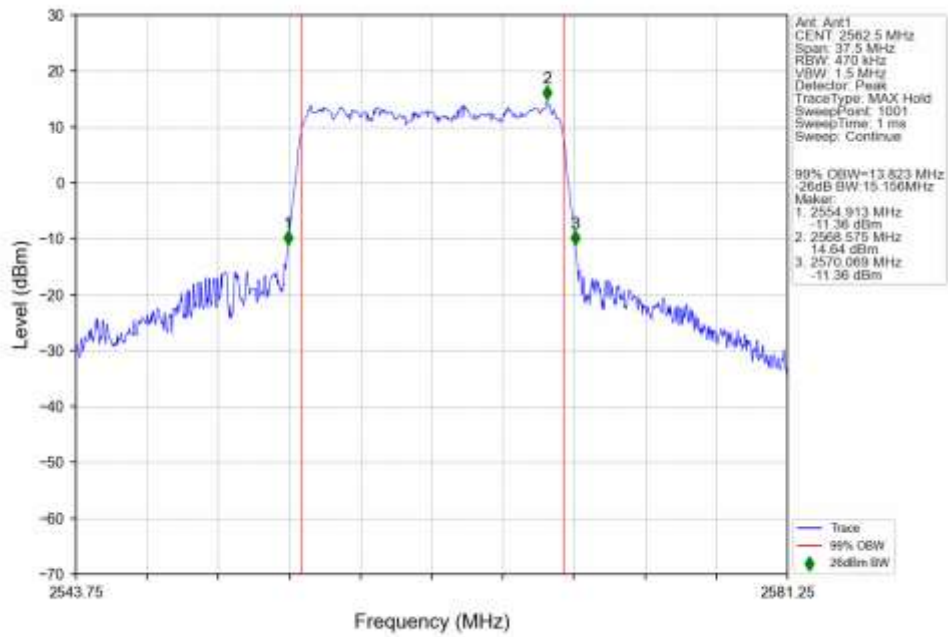
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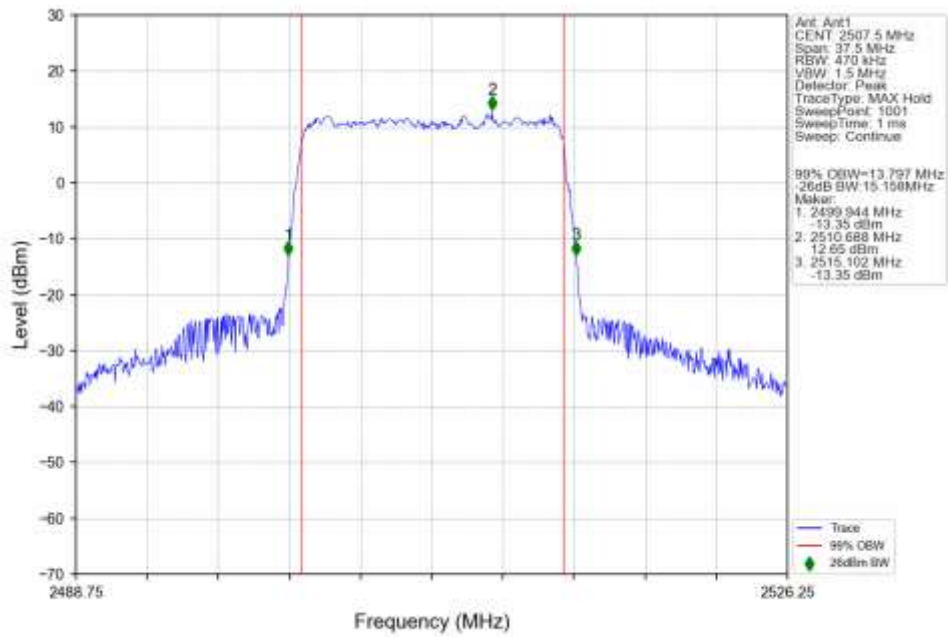
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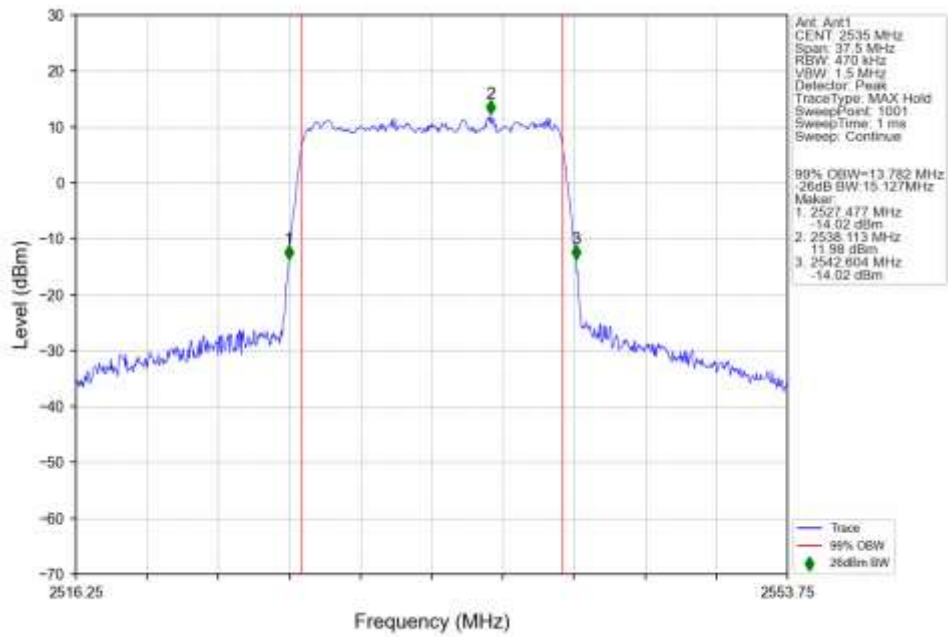
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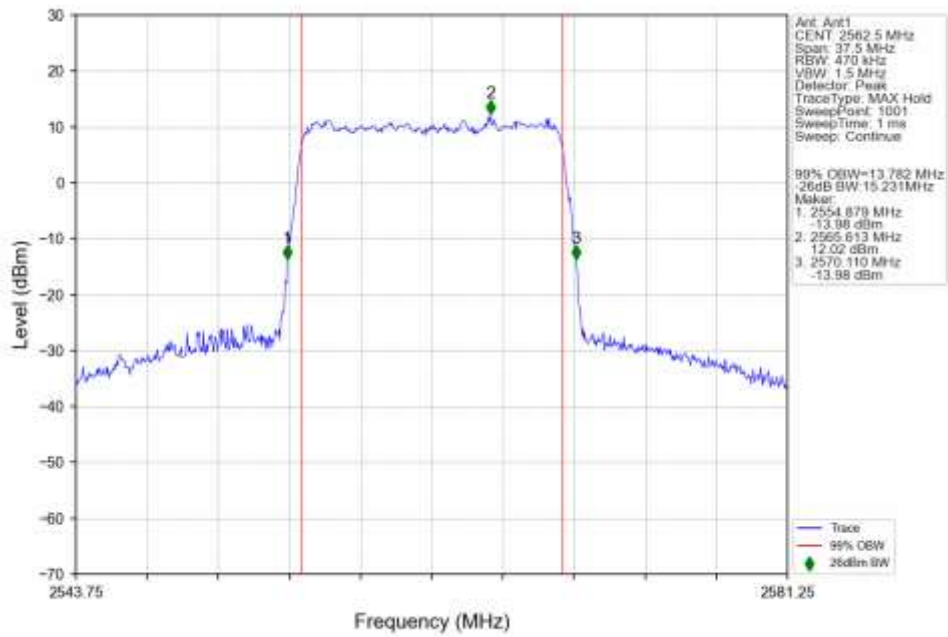
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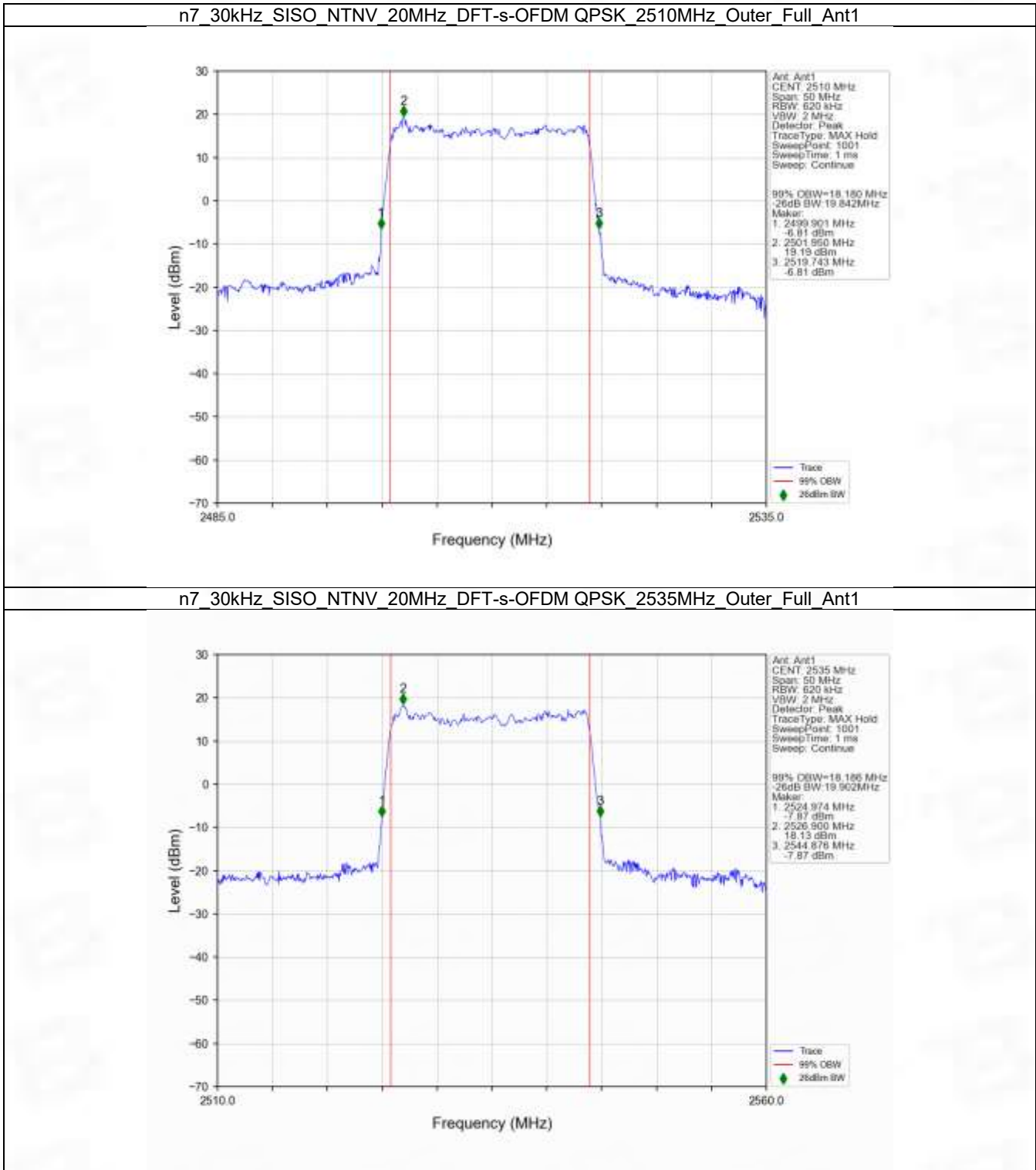
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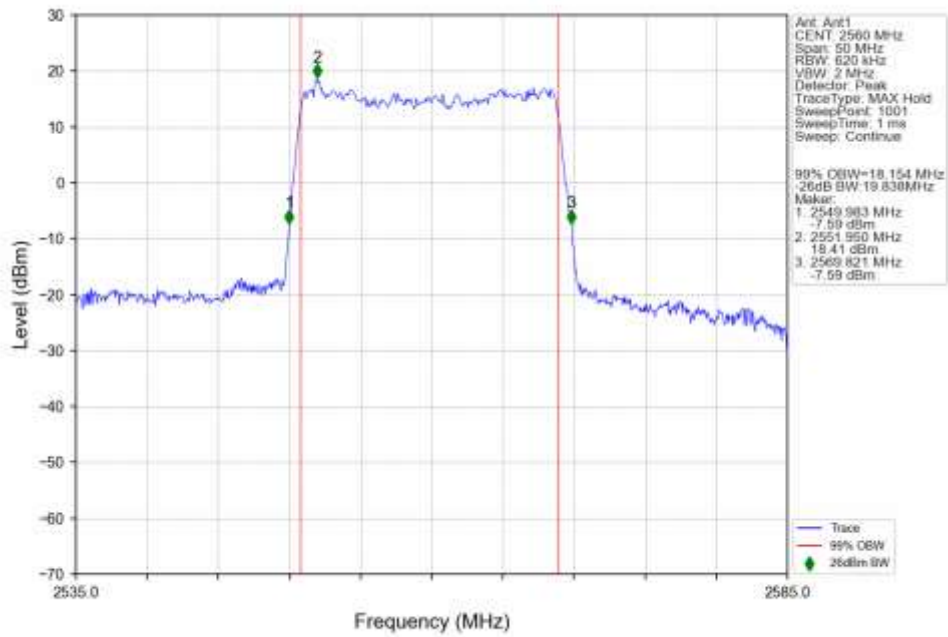
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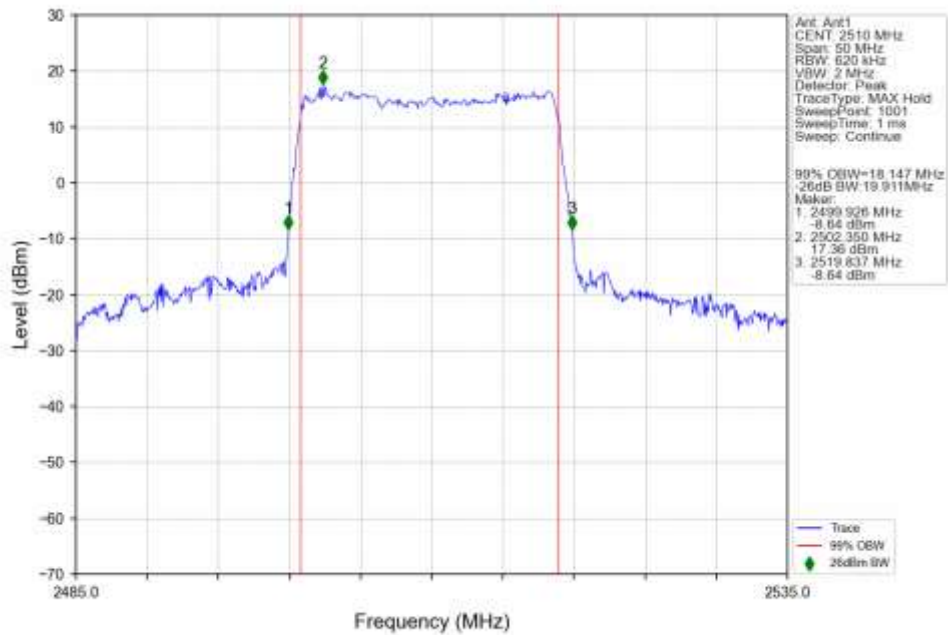
4.2.9 30k_SISO_20MHz_NTNV



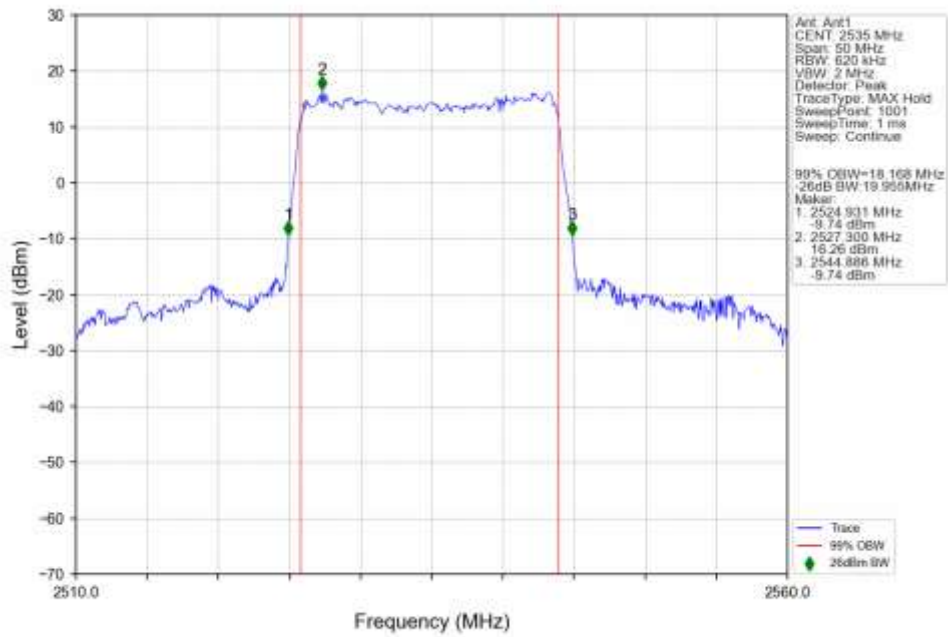
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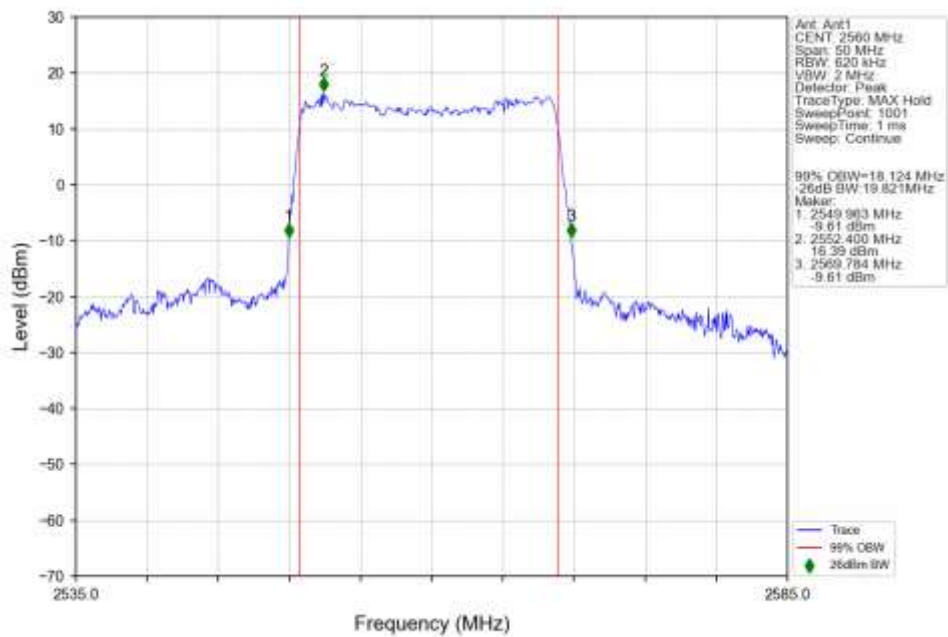
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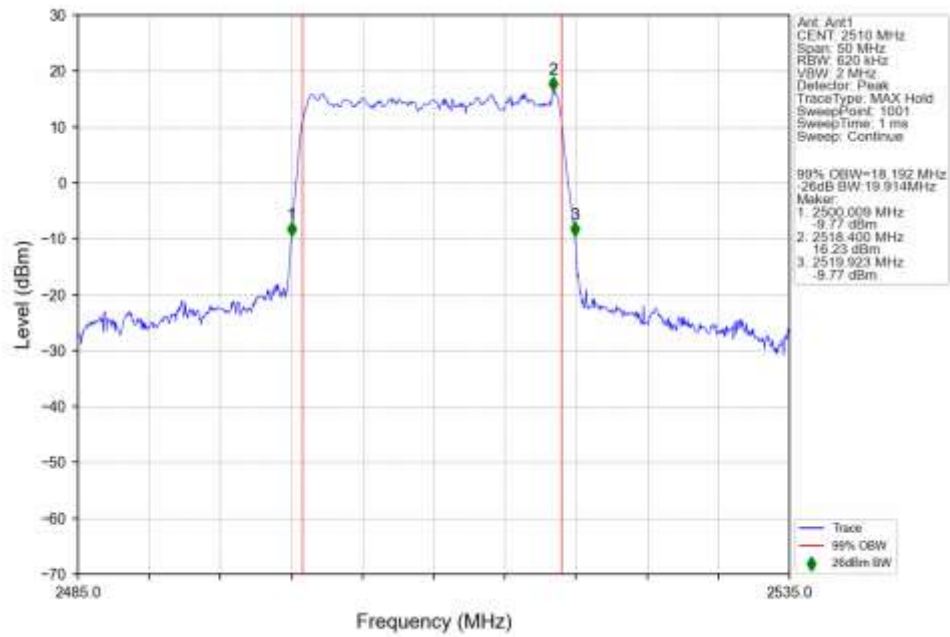
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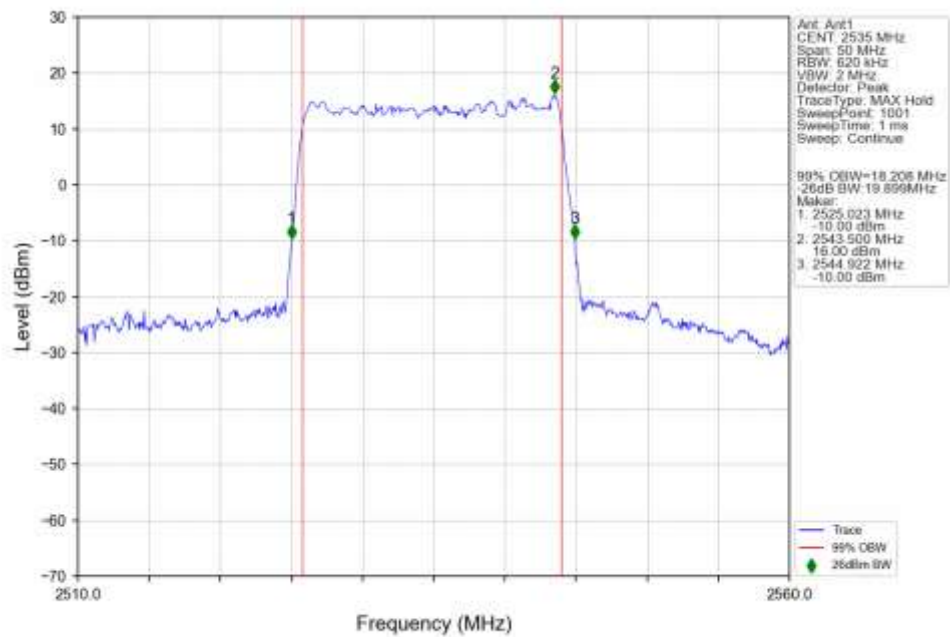
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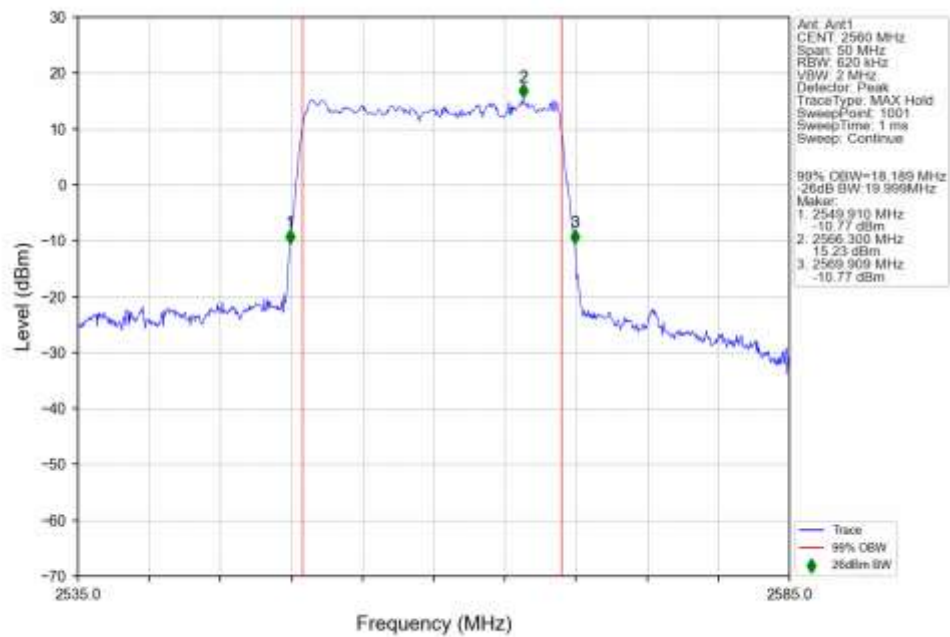
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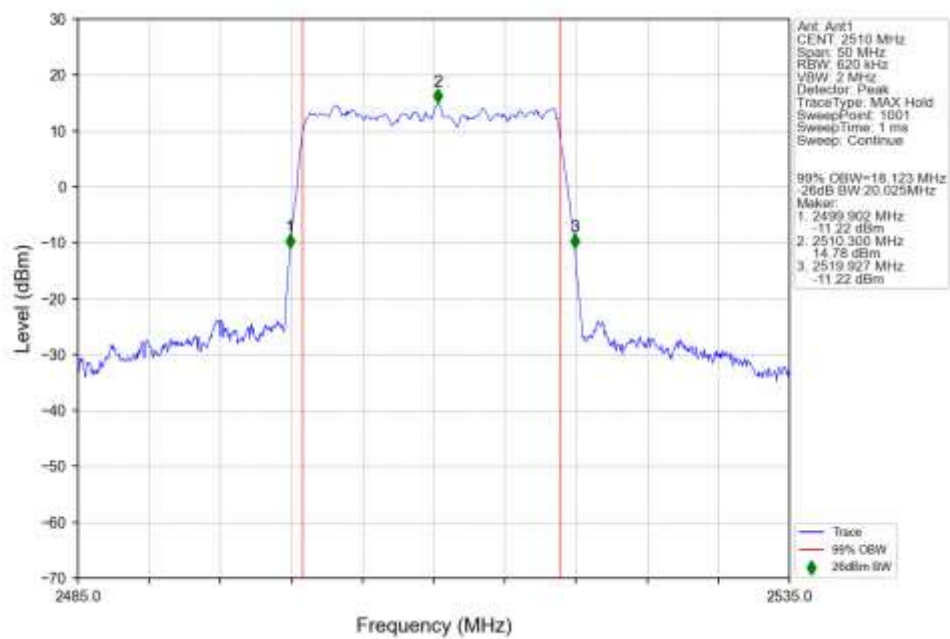
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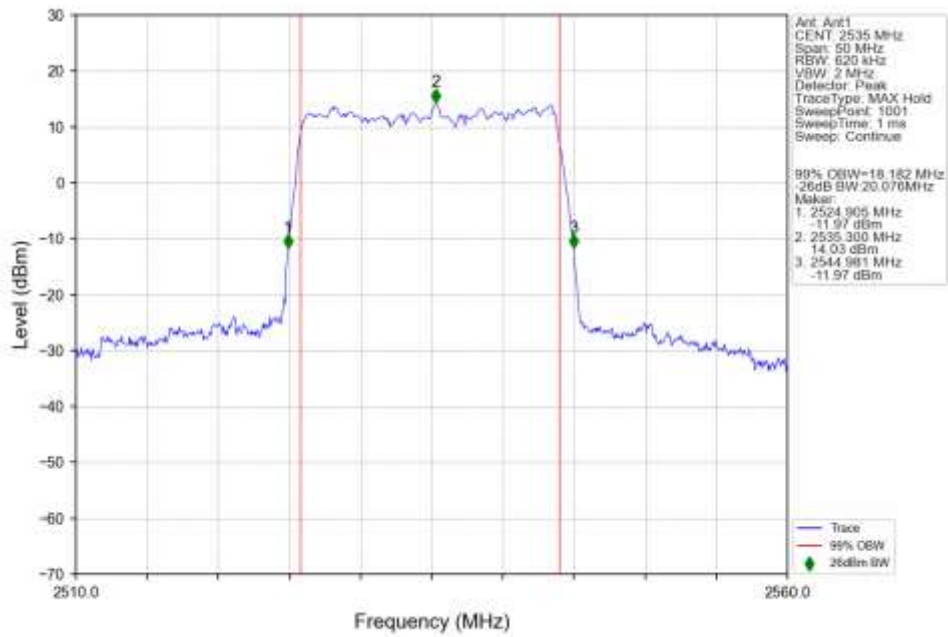
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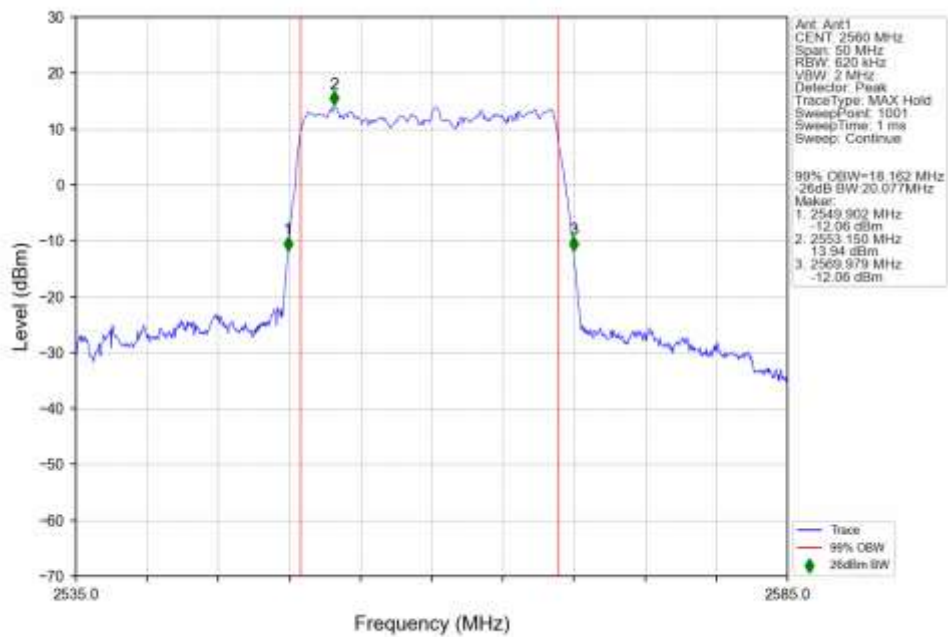
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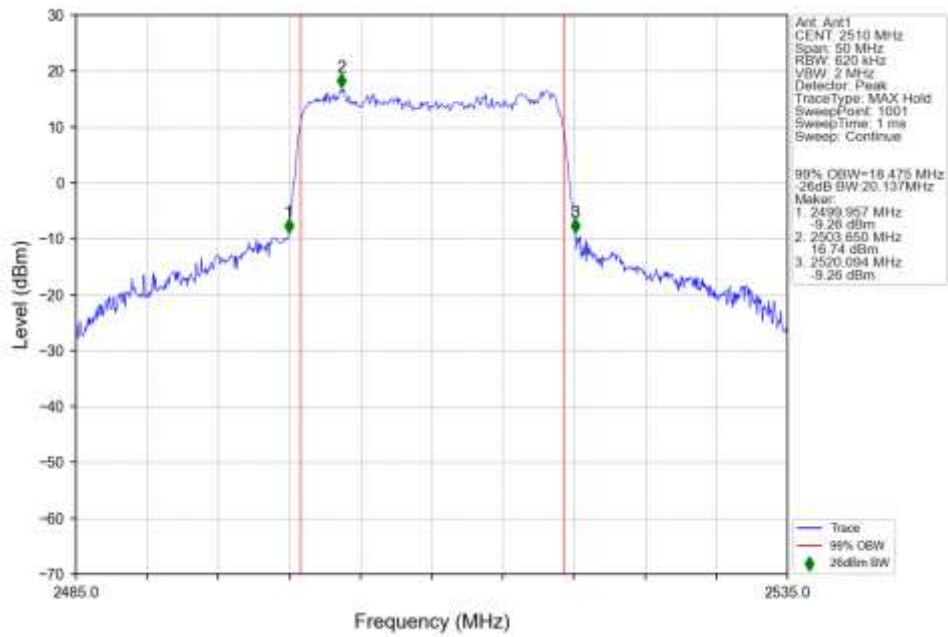
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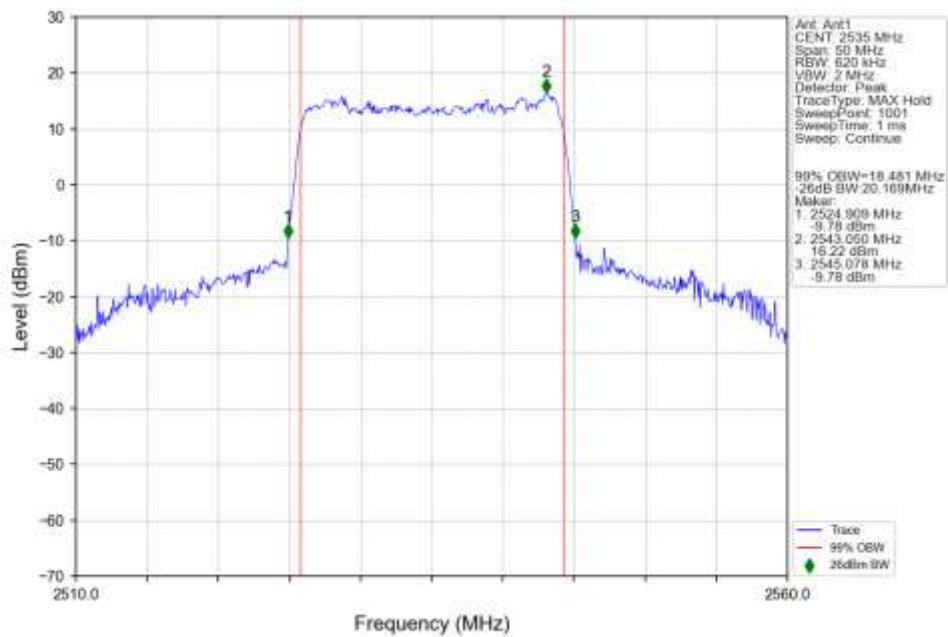
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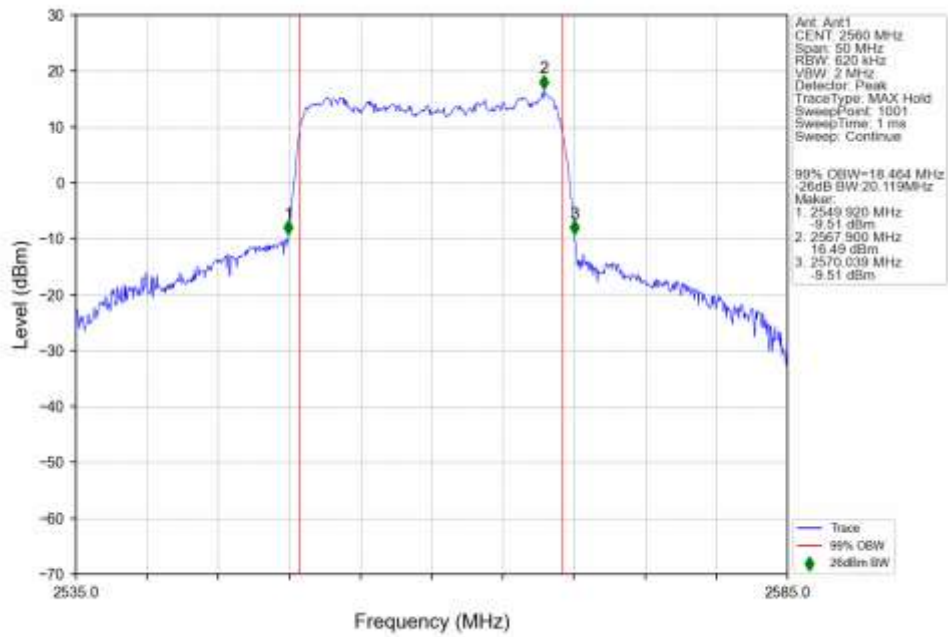
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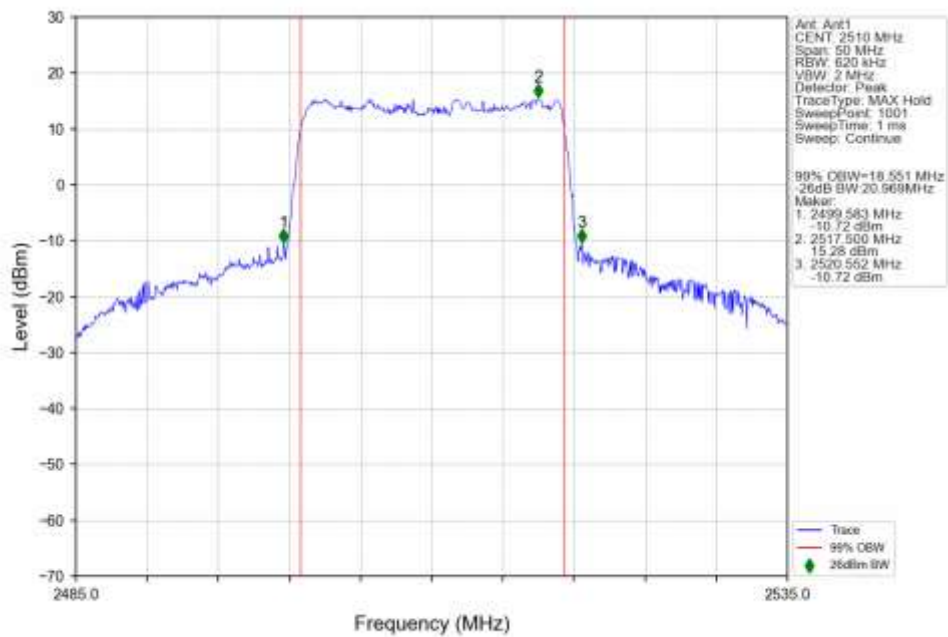
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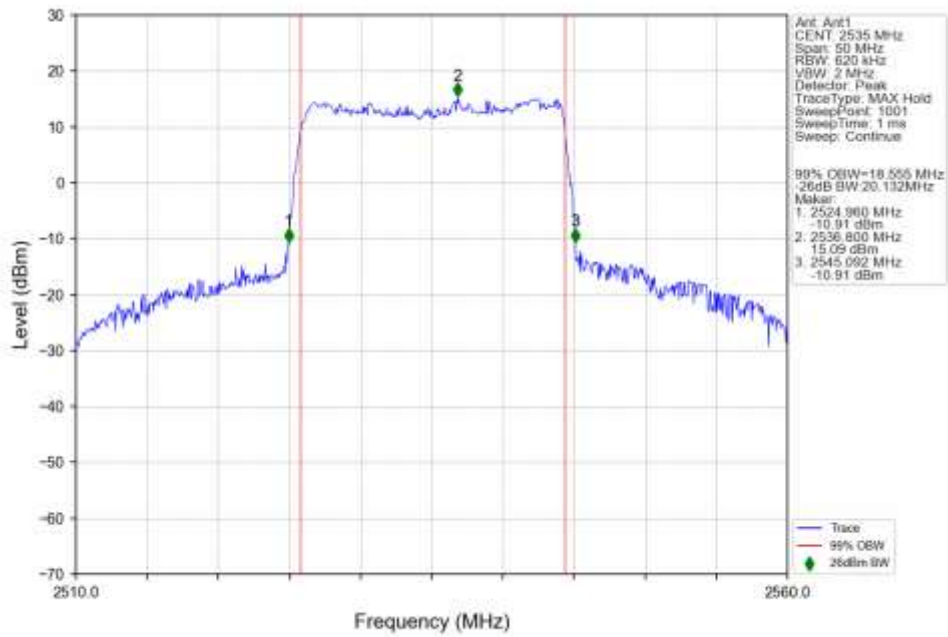
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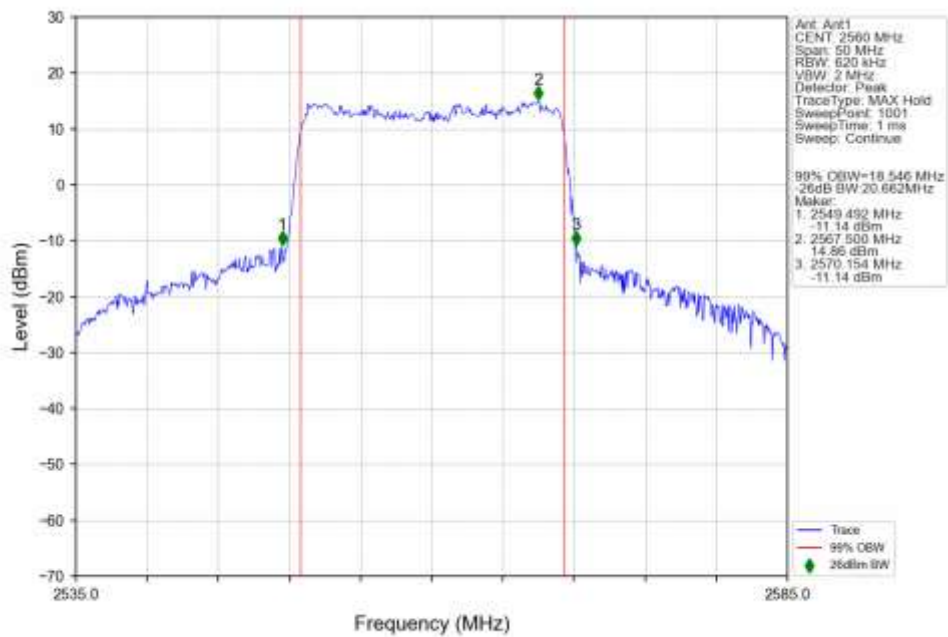
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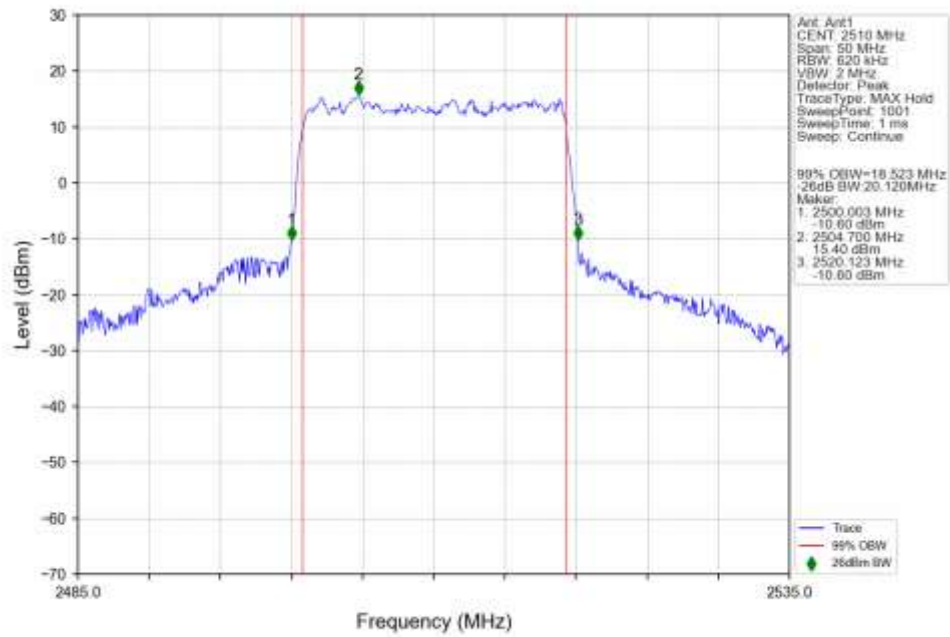
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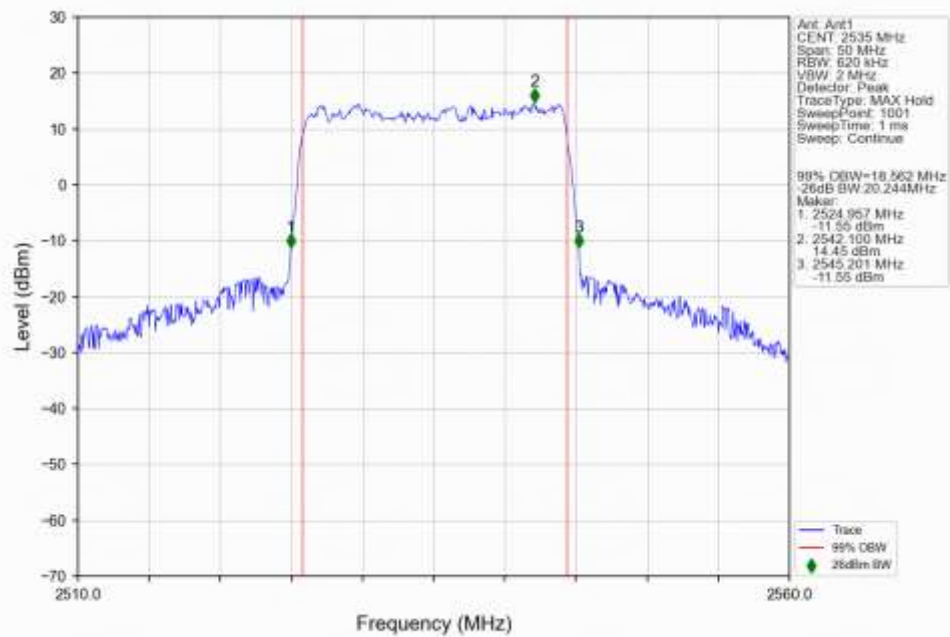
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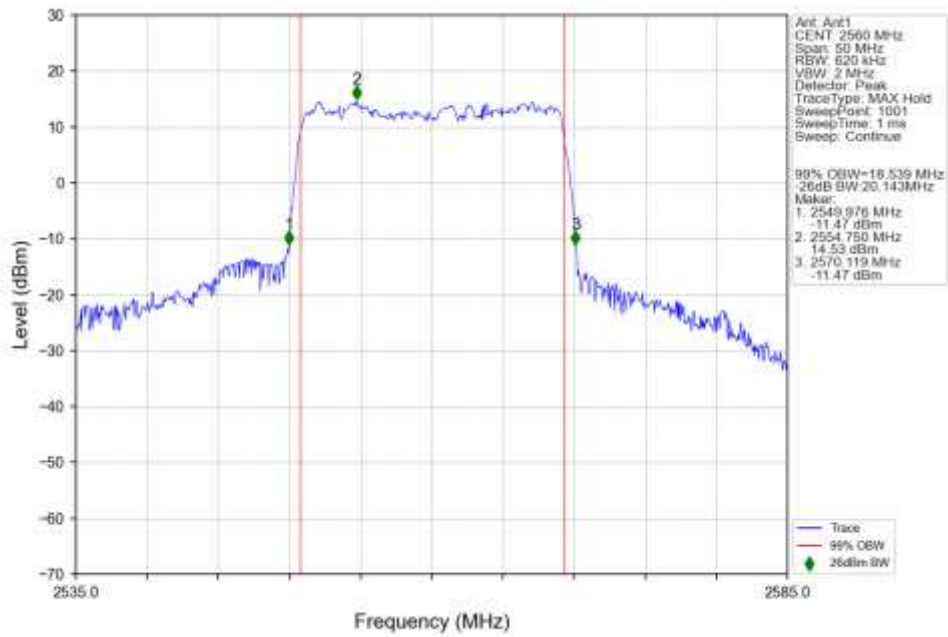
n7 30kHz SISO NTN 20MHz CP-OFDM 64 QAM 2510MHz Outer Full Ant1



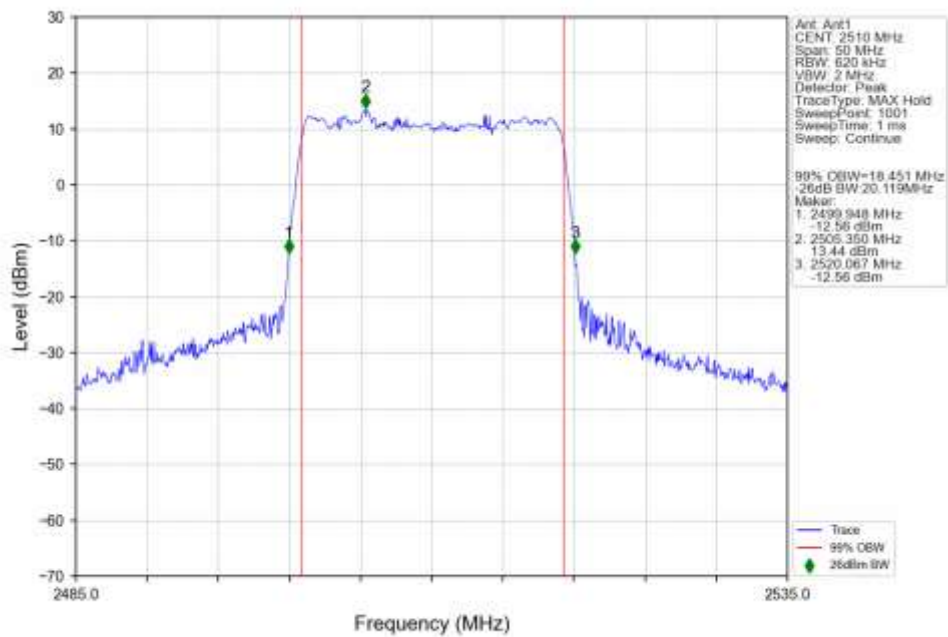
n7 30kHz SISO NTN 20MHz CP-OFDM 64 QAM 2535MHz Outer Full Ant1



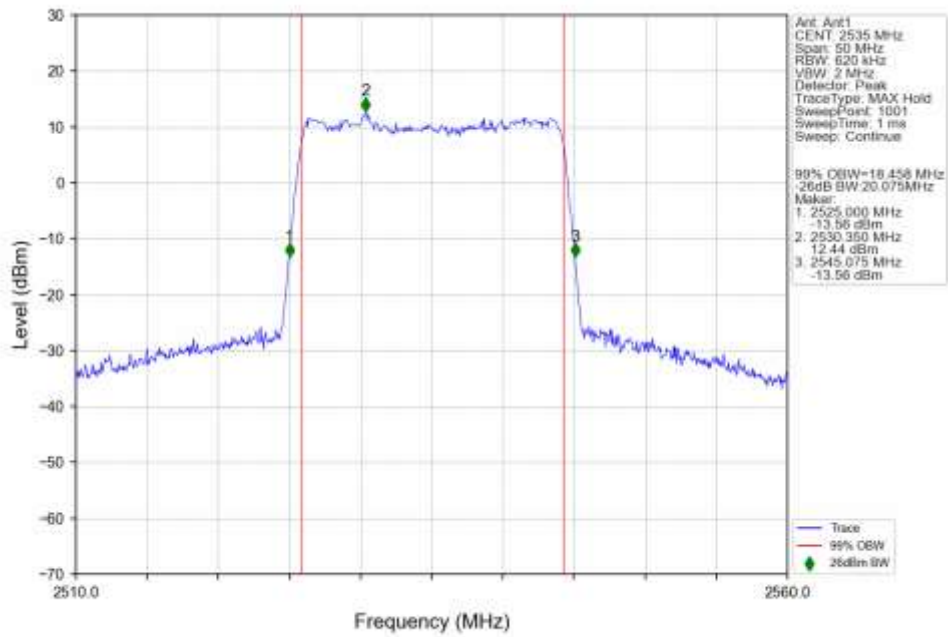
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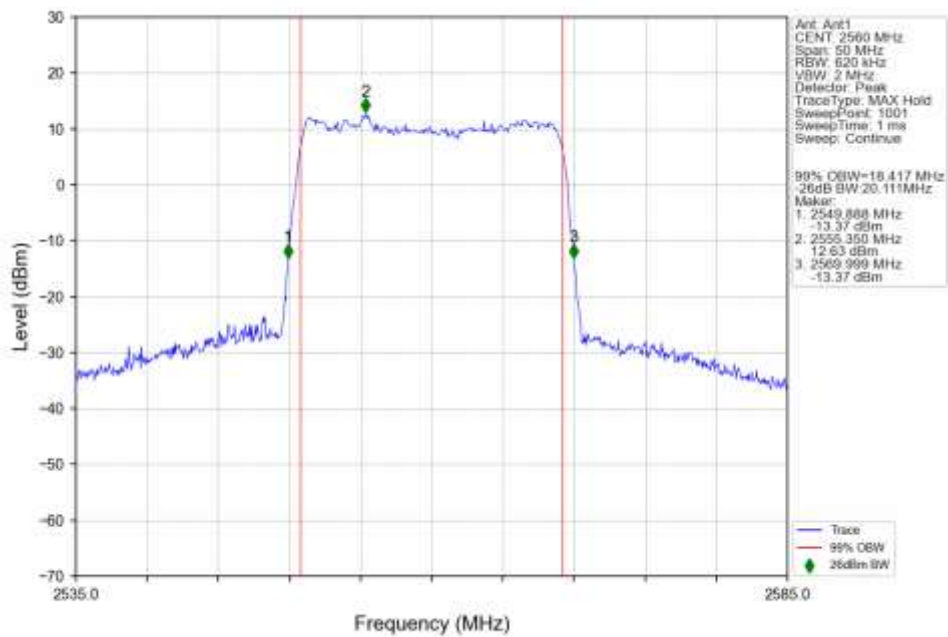
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n7 30kHz SISO NTN 20MHz CP-OFDM 256 QAM 2535MHz Outer Full Ant1

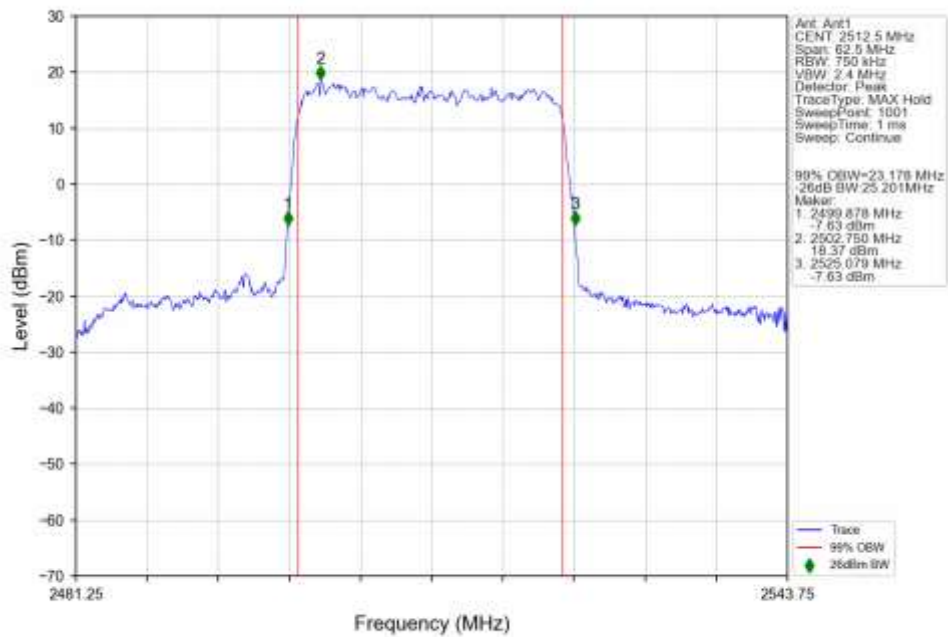


n7 30kHz SISO NTN 20MHz CP-OFDM 256 QAM 2560MHz Outer Full Ant1

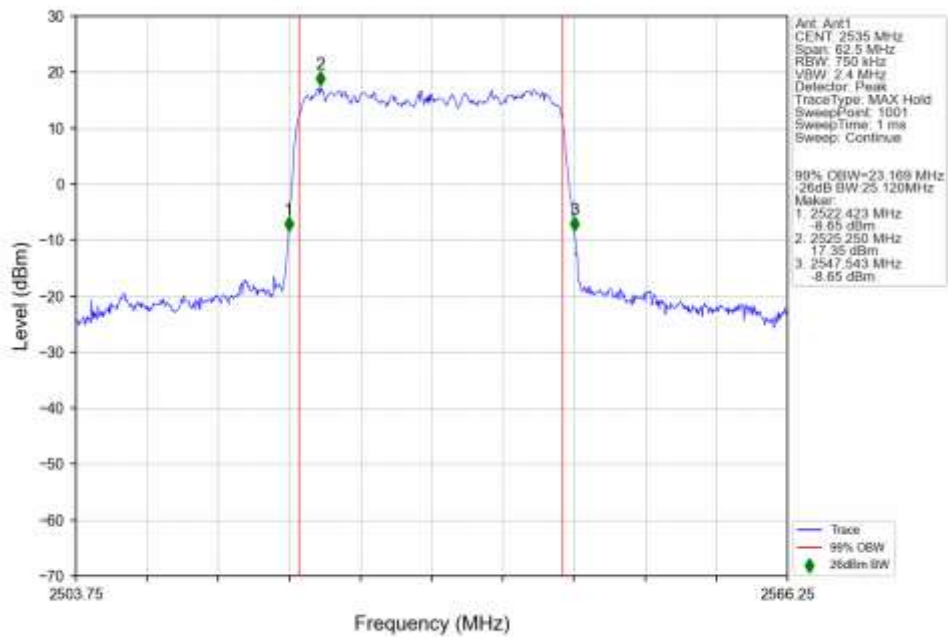


4.2.10 30k_SISO_25MHz_NTNV

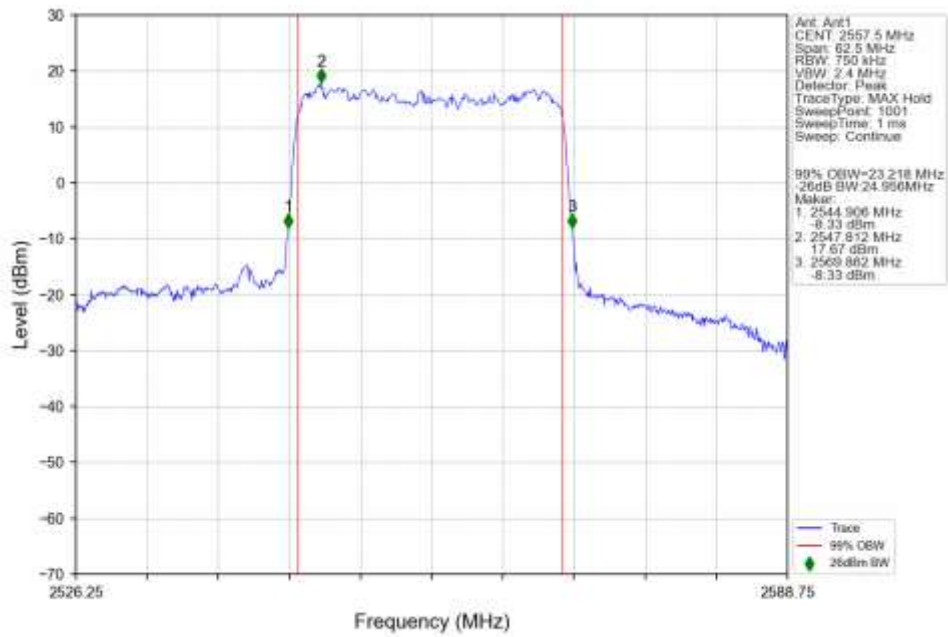
n7_30kHz_SISO_NTNV_25MHz_DFT-s-OFDM QPSK_2512.5MHz_Outer_Full_Ant1



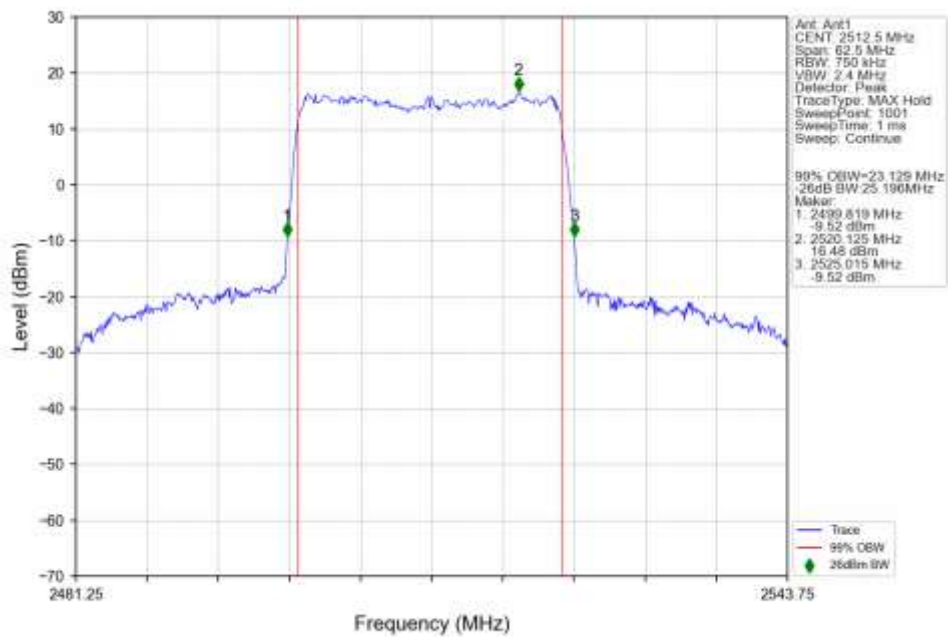
n7_30kHz_SISO_NTNV_25MHz_DFT-s-OFDM QPSK_2535MHz_Outer_Full_Ant1



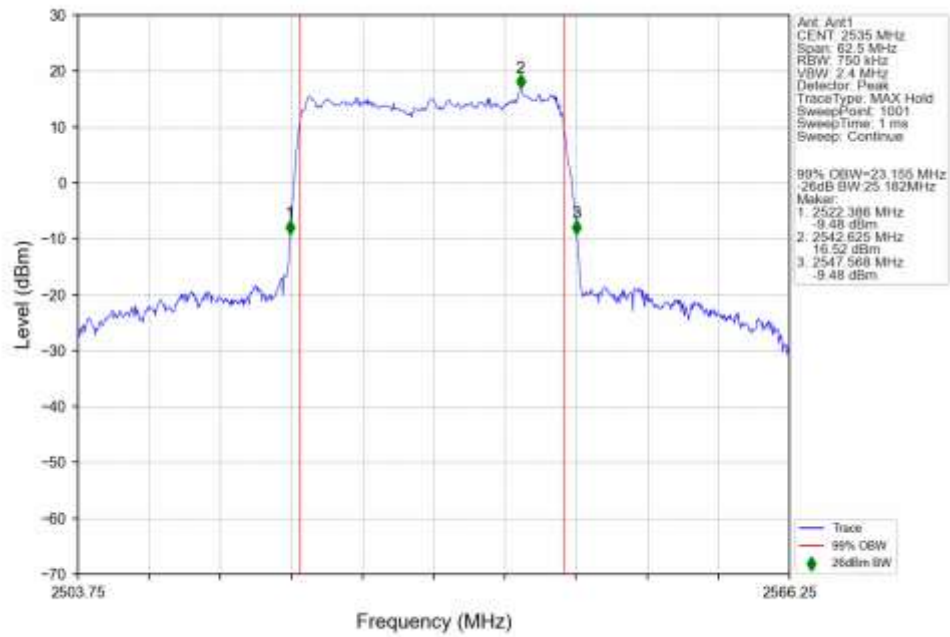
n7 30kHz SISO NTN 25MHz DFT-s-OFDM QPSK 2557.5MHz Outer Full Ant1



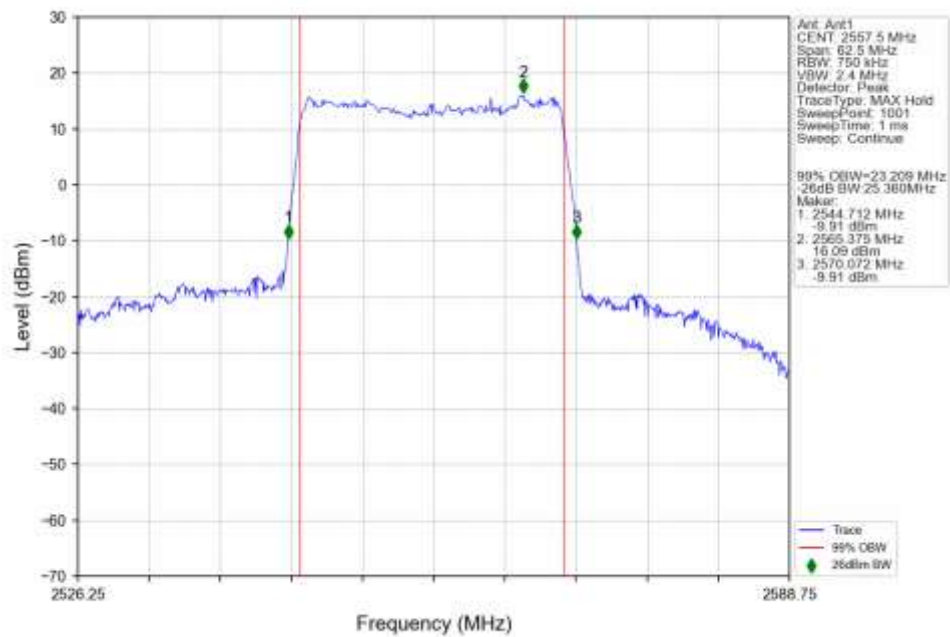
n7 30kHz SISO NTN 25MHz DFT-s-OFDM 16 QAM 2512.5MHz Outer Full Ant1



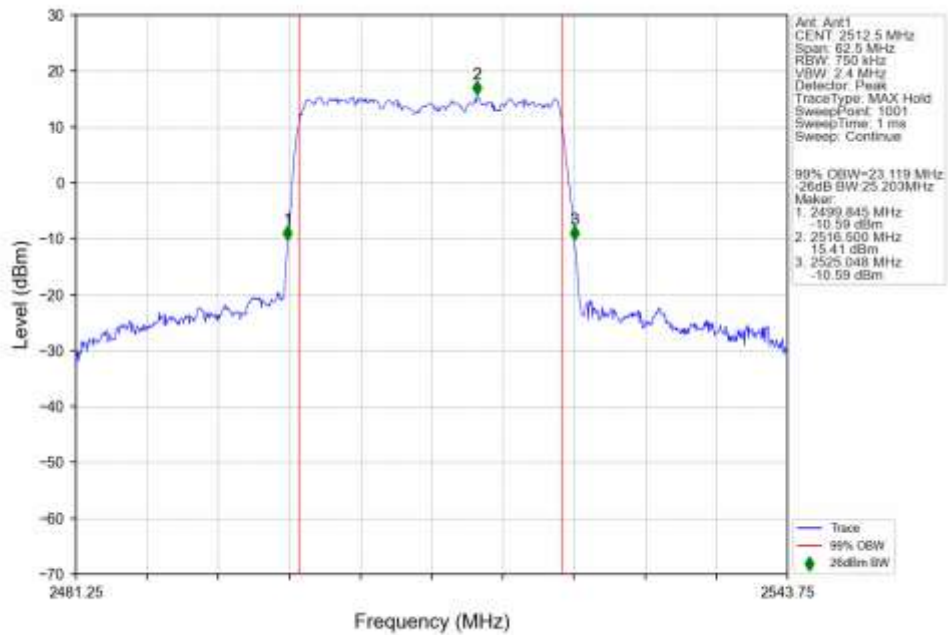
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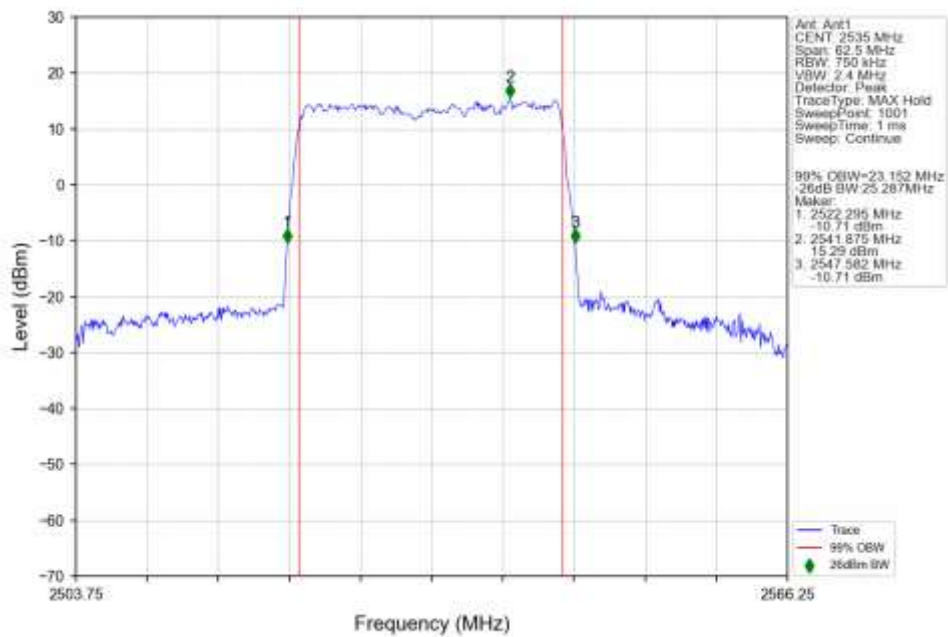
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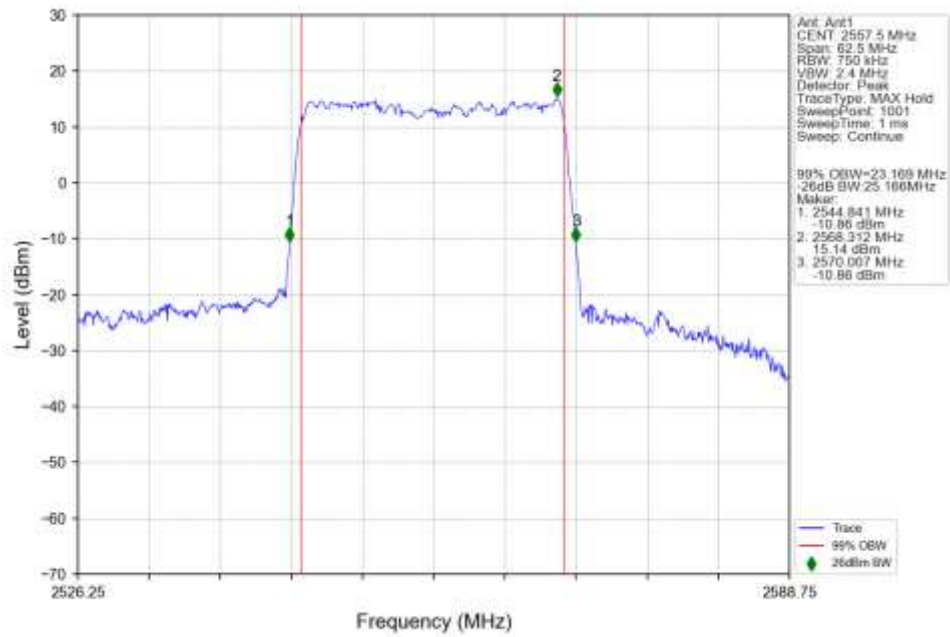
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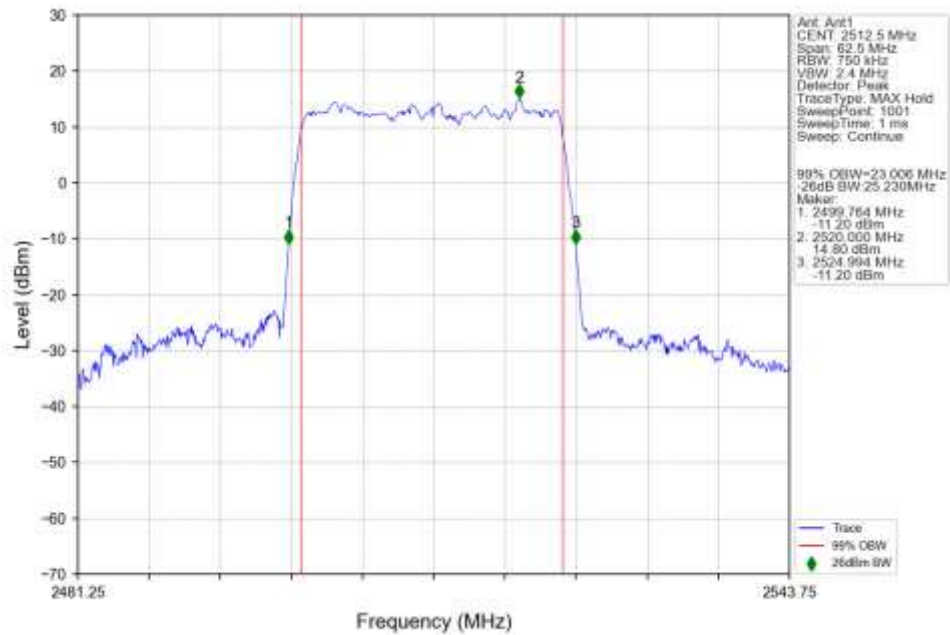
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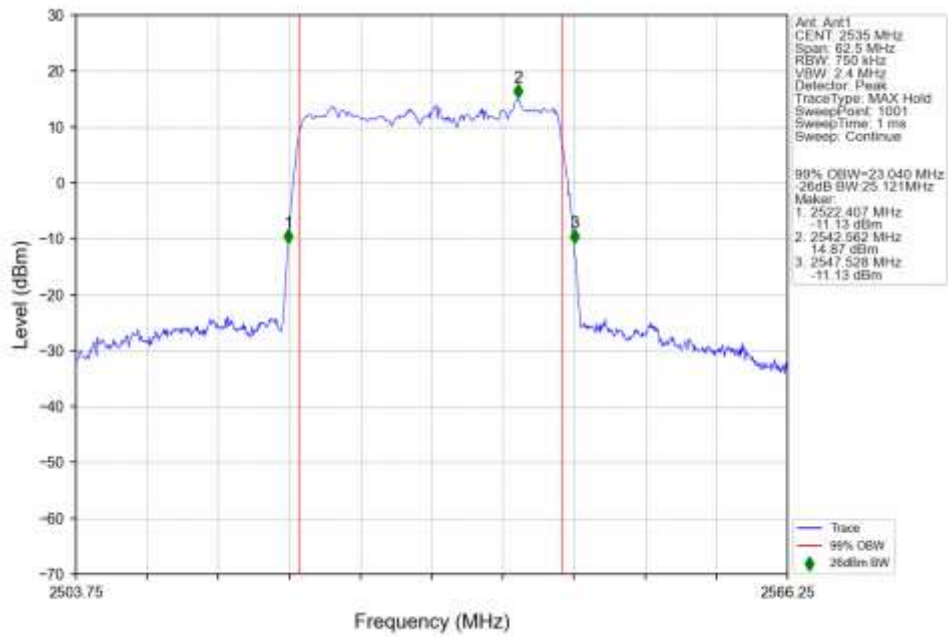
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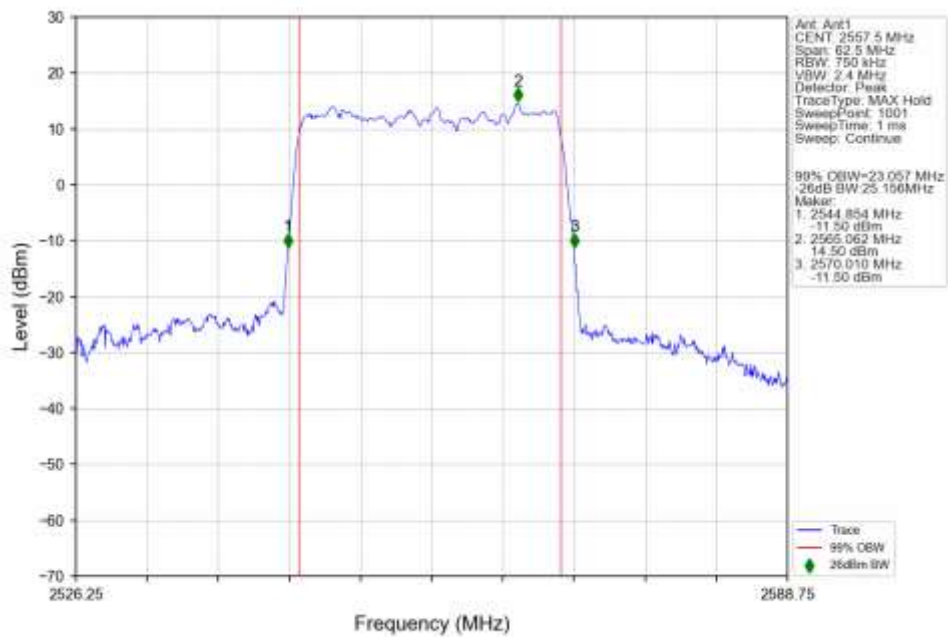
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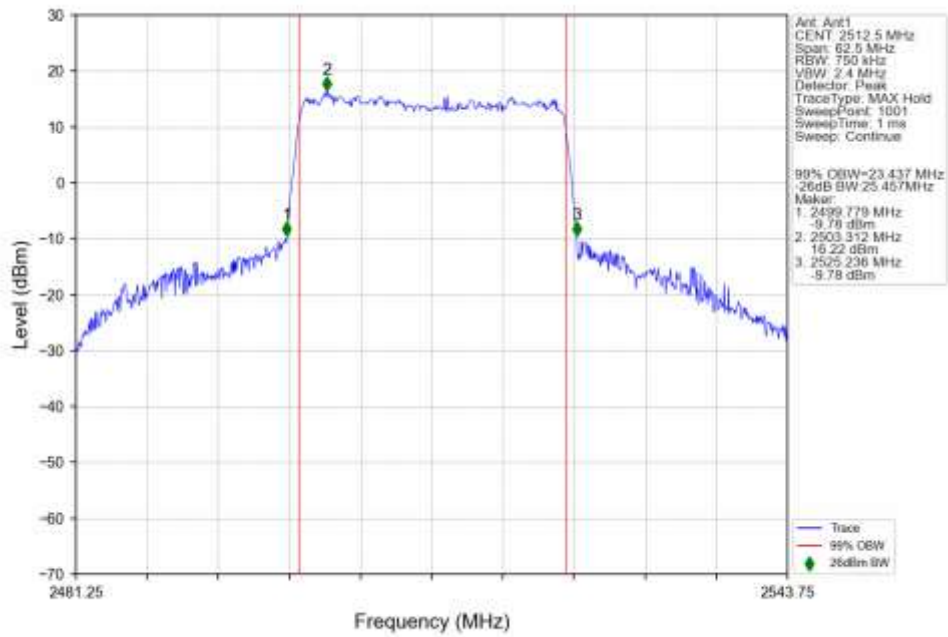
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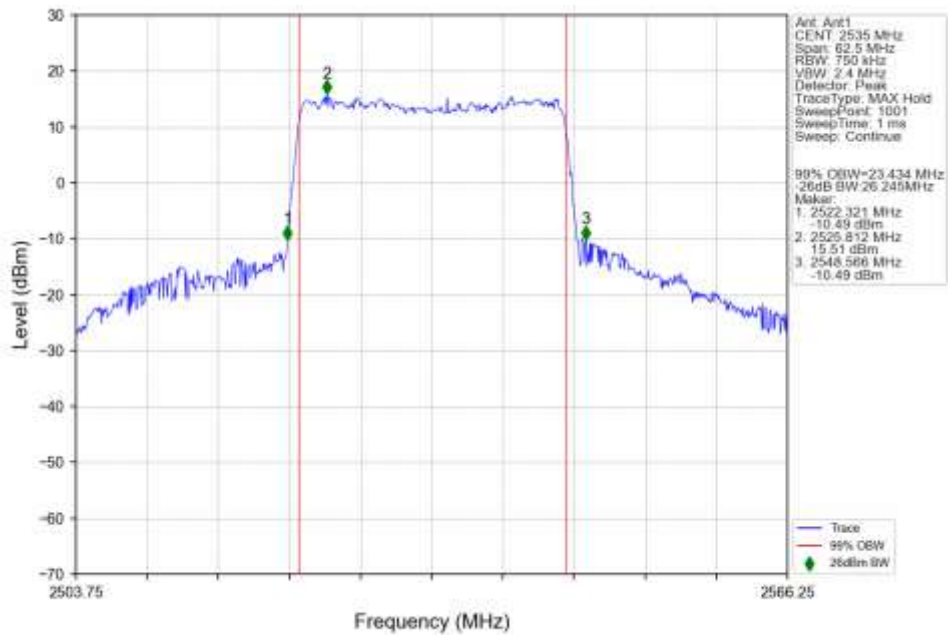
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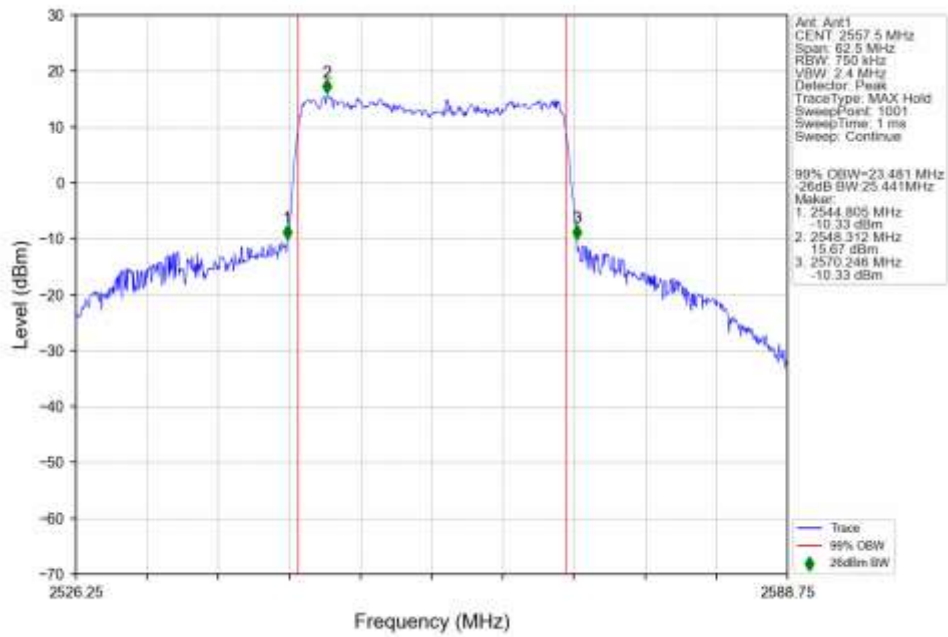
n7 30kHz SISO NTN 25MHz CP-OFDM QPSK 2512.5MHz Outer Full Ant1



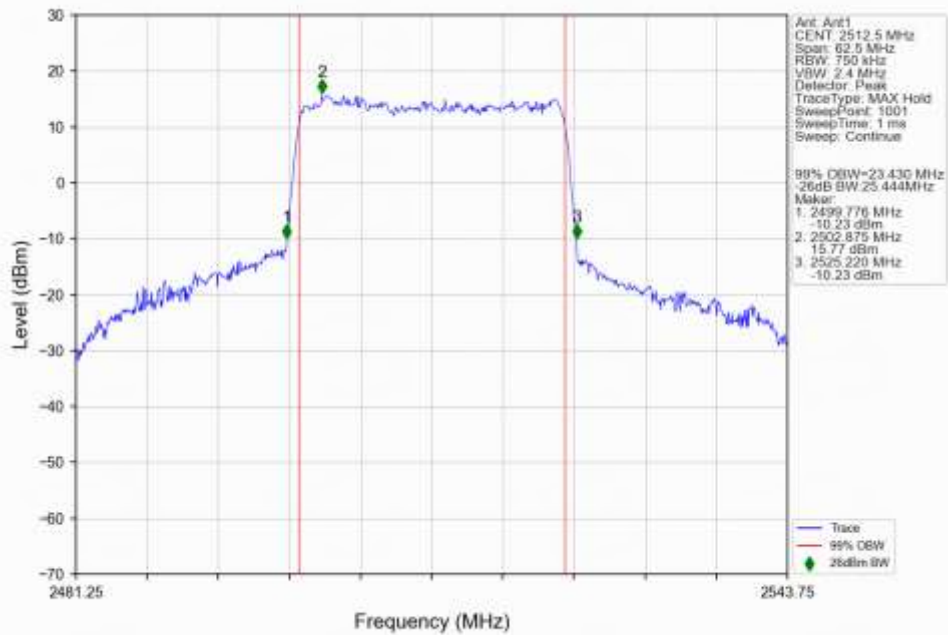
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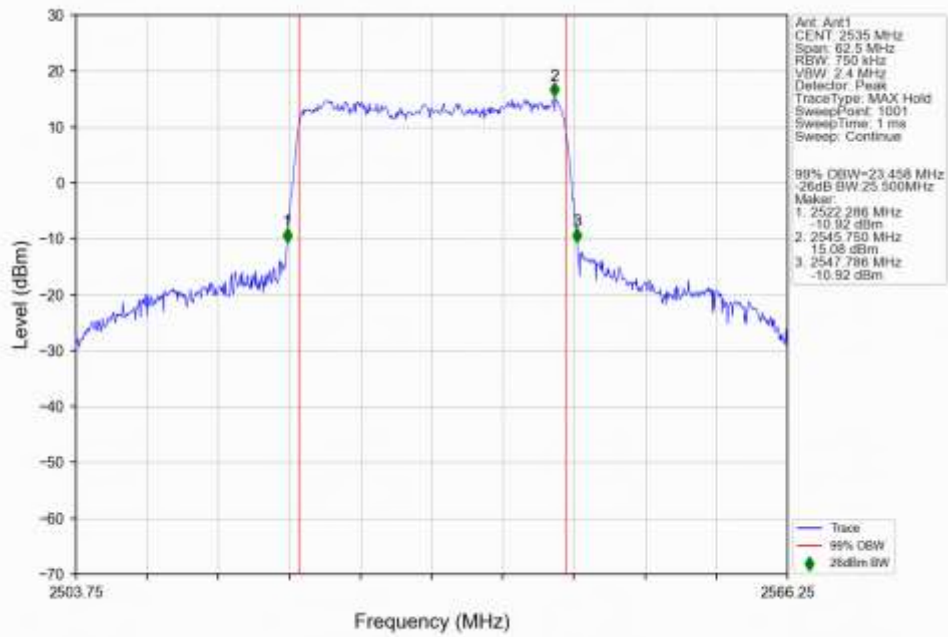
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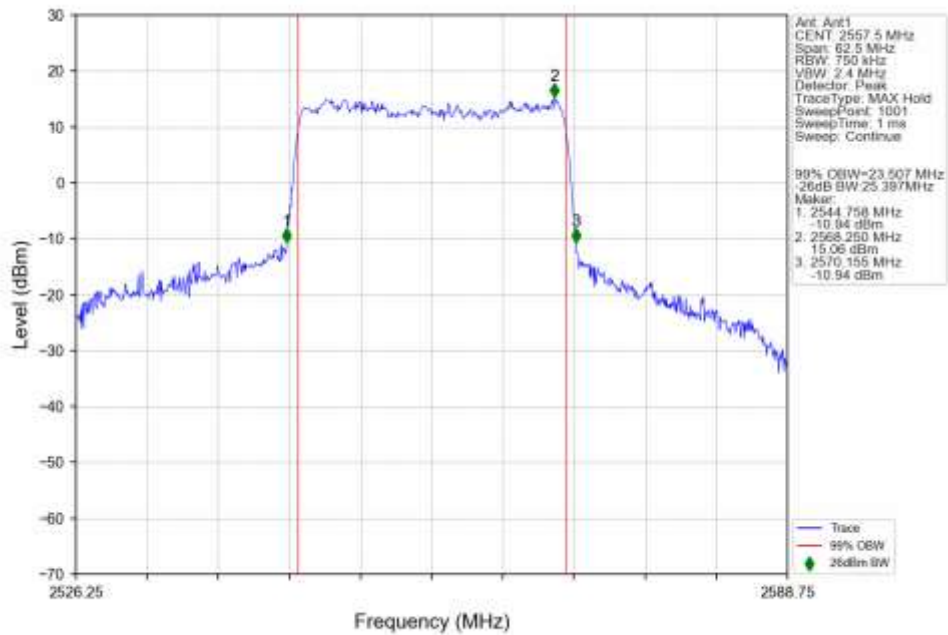
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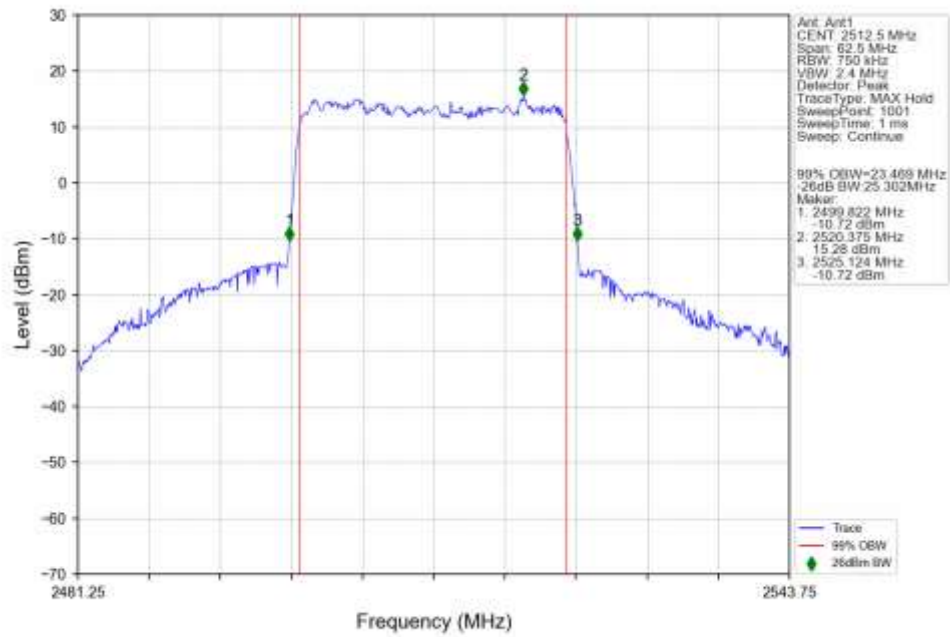
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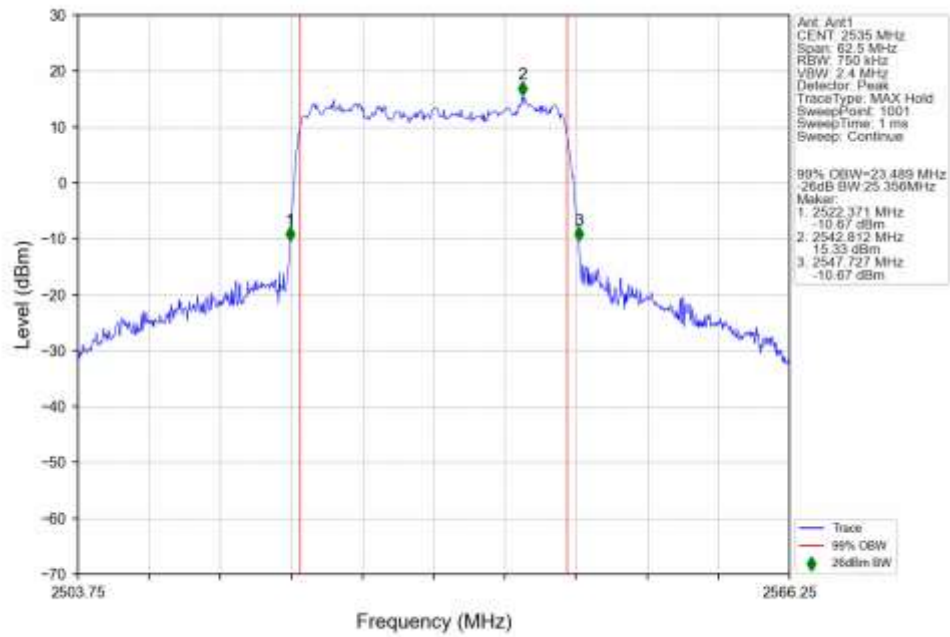
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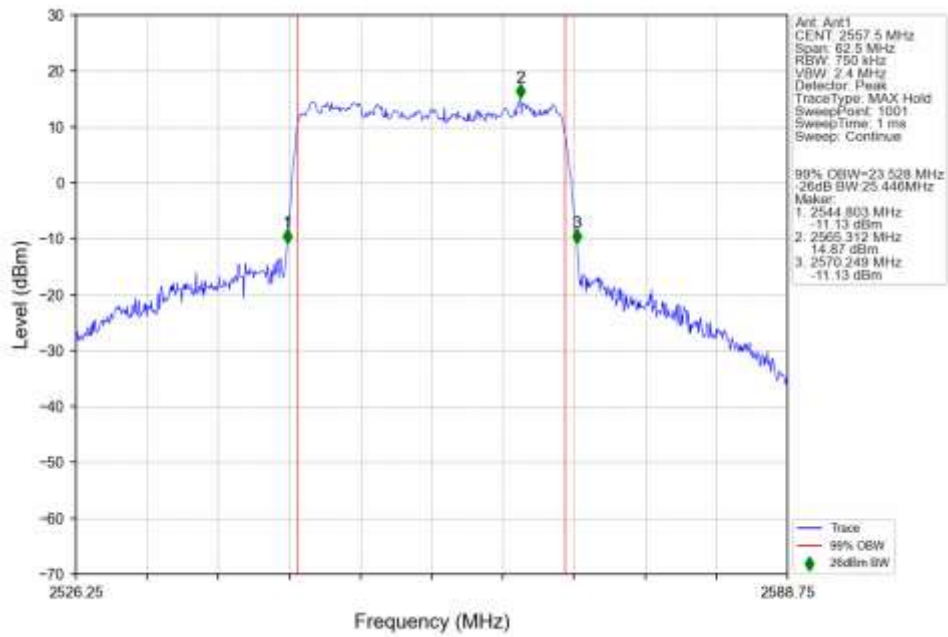
n7 30kHz SISO NTN 25MHz CP-OFDM 64 QAM 2512.5MHz Outer Full Ant1



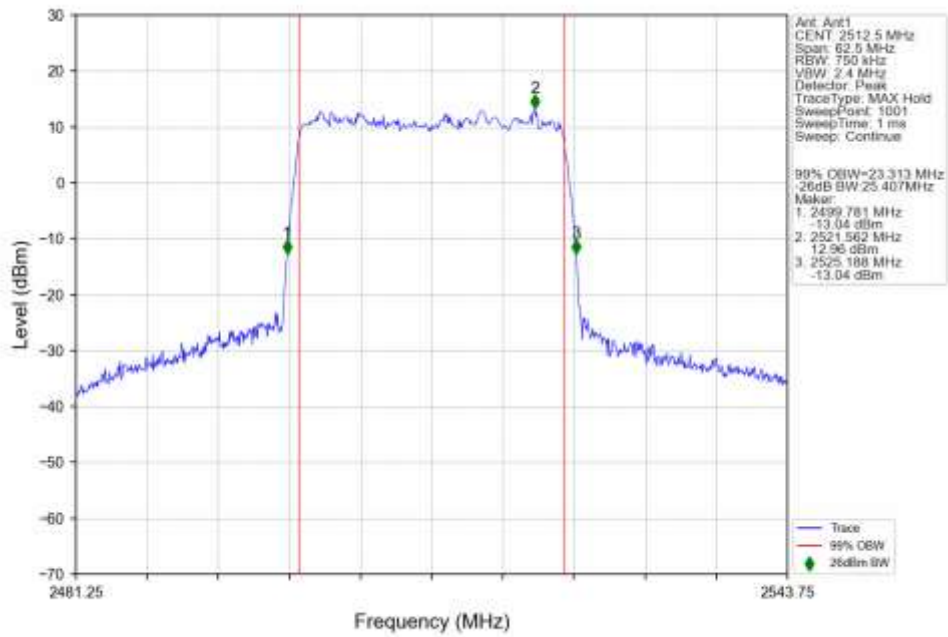
n7 30kHz SISO NTN 25MHz CP-OFDM 64 QAM 2535MHz Outer Full Ant1



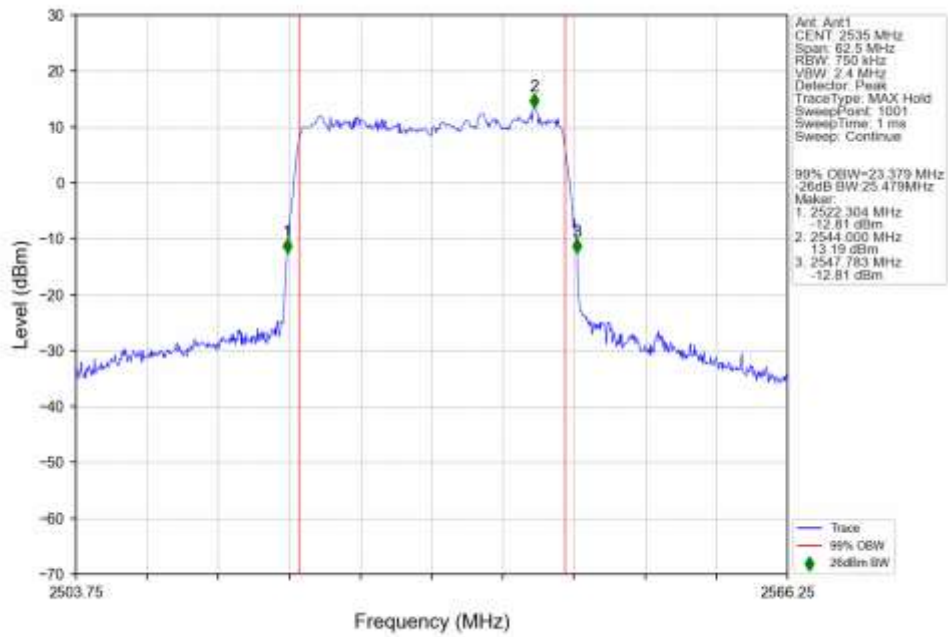
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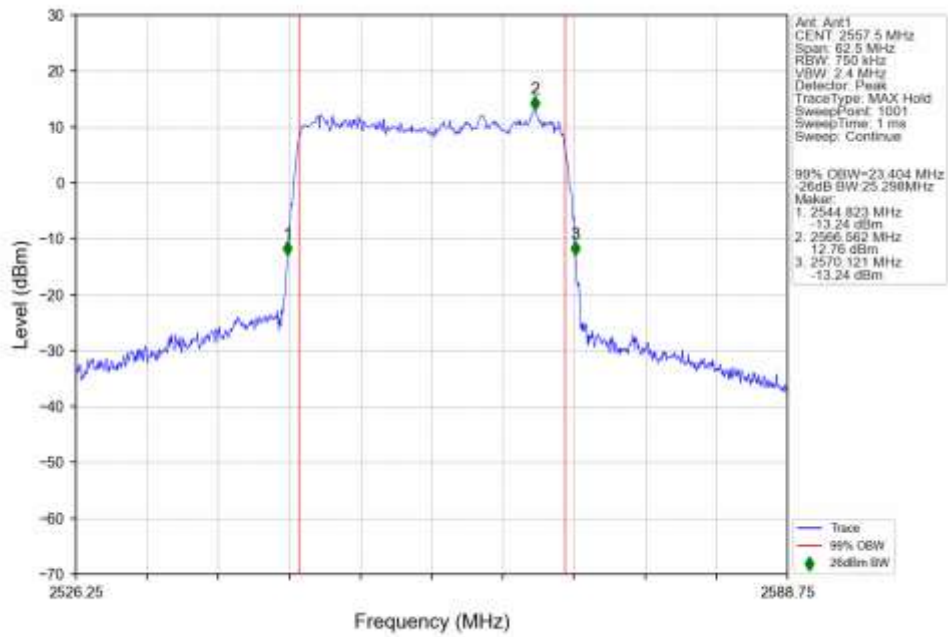
n7 30kHz SISO NTN 25MHz CP-OFDM 256 QAM 2512.5MHz Outer Full Ant1



n7 30kHz SISO NTN 25MHz CP-OFDM 256 QAM 2535MHz Outer Full Ant1

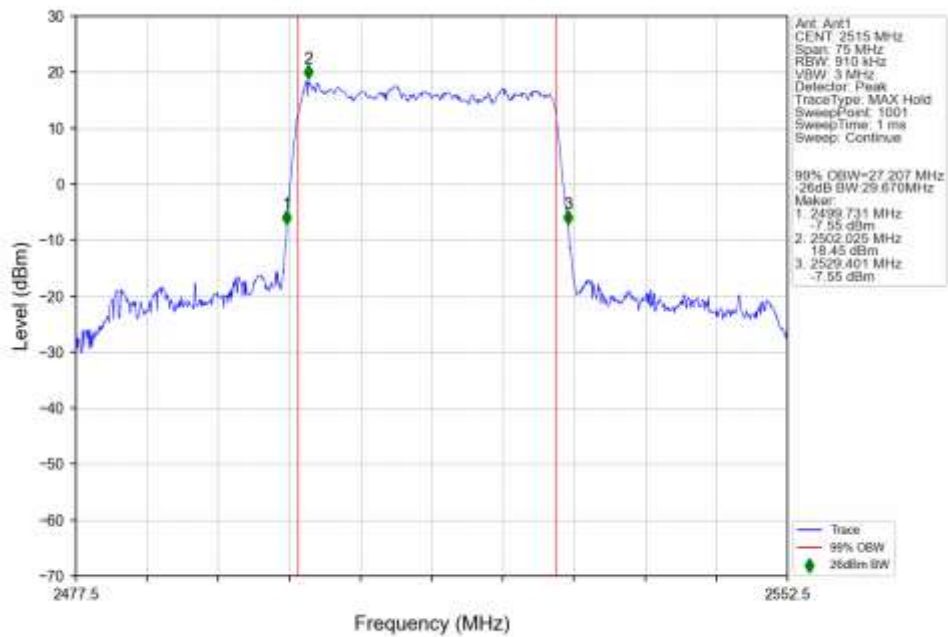


n7 30kHz SISO NTN 25MHz CP-OFDM 256 QAM 2557.5MHz Outer Full Ant1

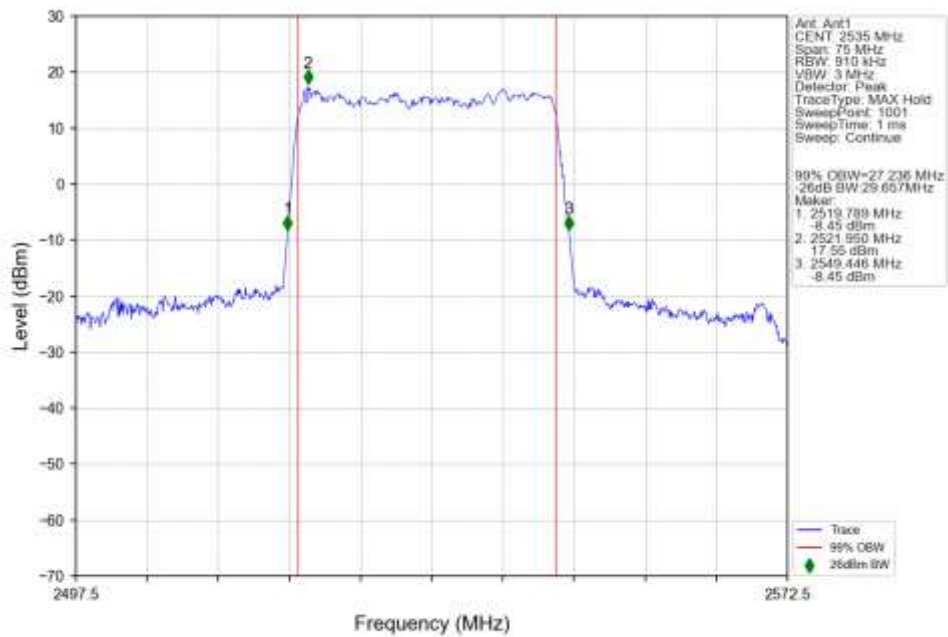


4.2.11 30k_SISO_30MHz_NTNV

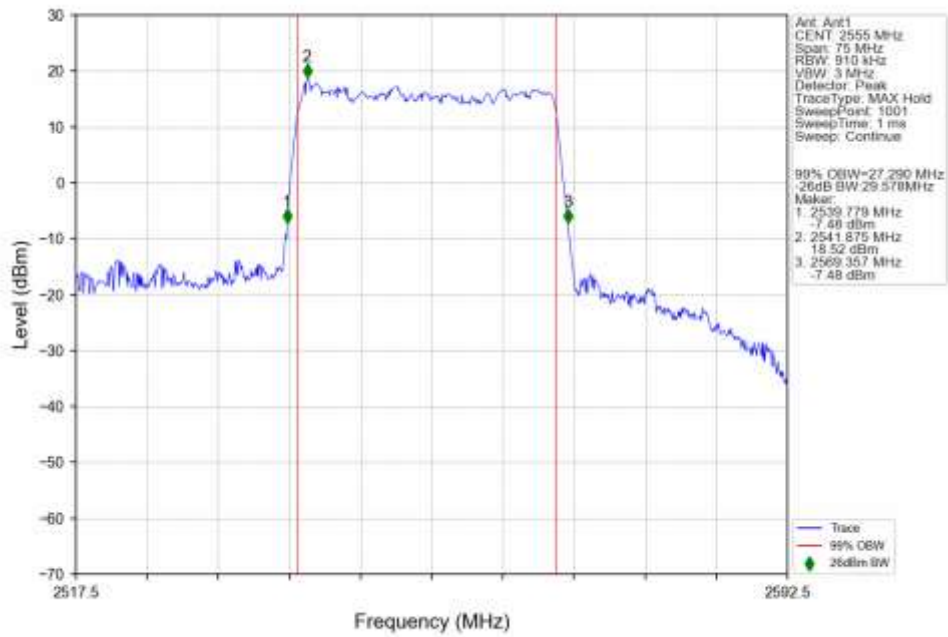
n7_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM_QPSK_2515MHz_Outer_Full_Ant1



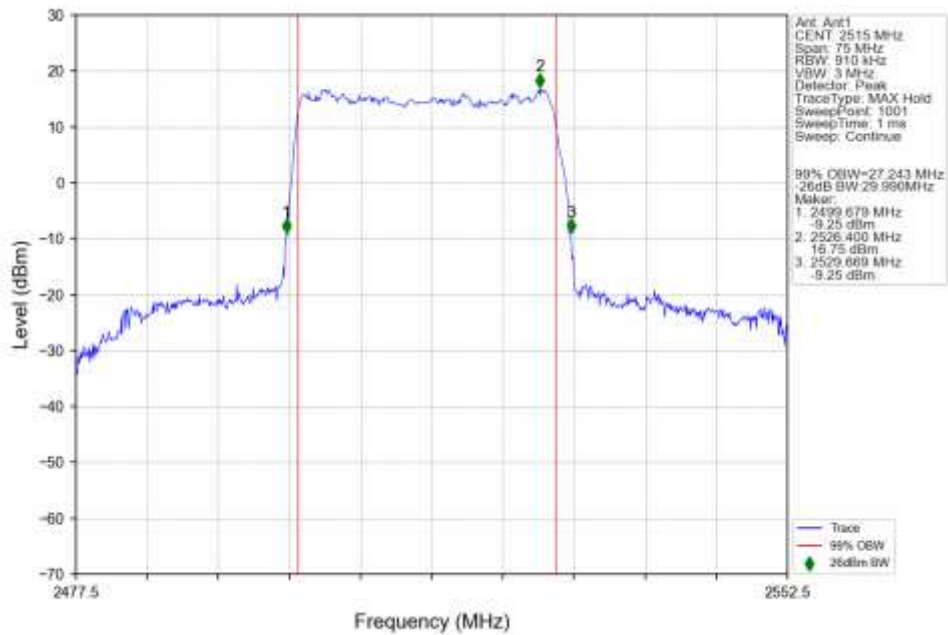
n7_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM_QPSK_2535MHz_Outer_Full_Ant1



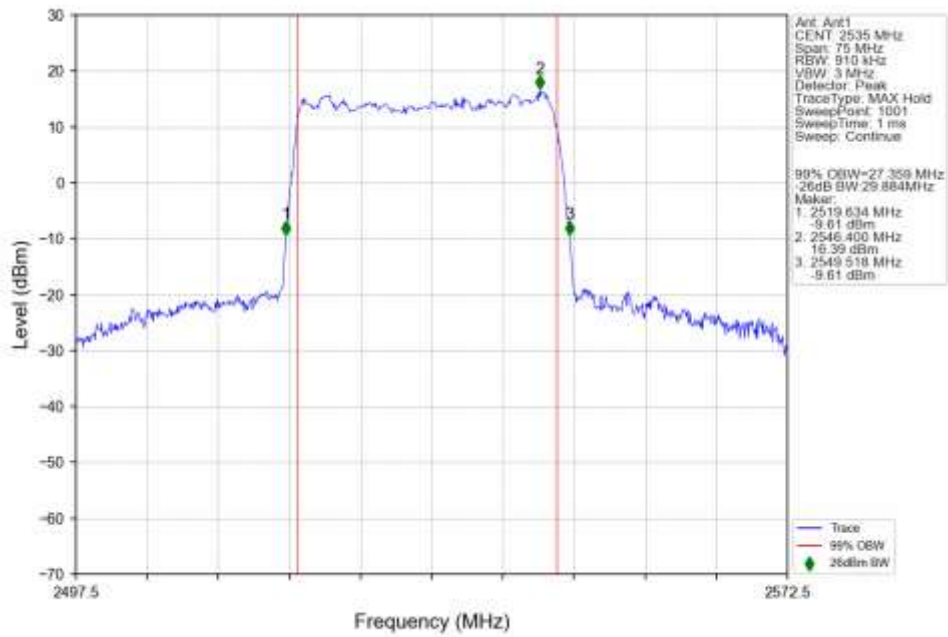
n7 30kHz SISO NTN 30MHz DFT-s-OFDM QPSK 2555MHz Outer Full Ant1



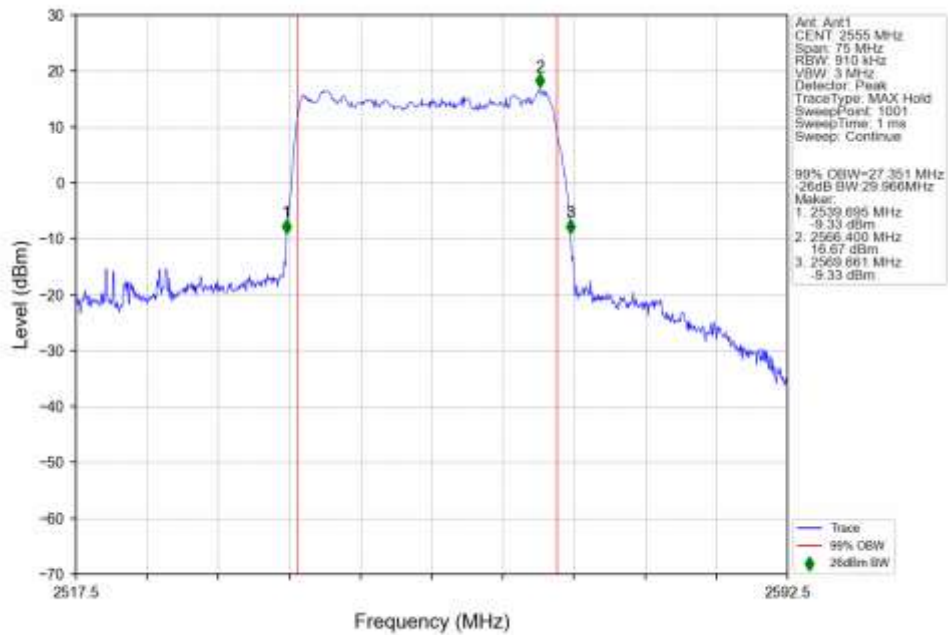
n7 30kHz SISO NTN 30MHz DFT-s-OFDM 16 QAM 2515MHz Outer Full Ant1



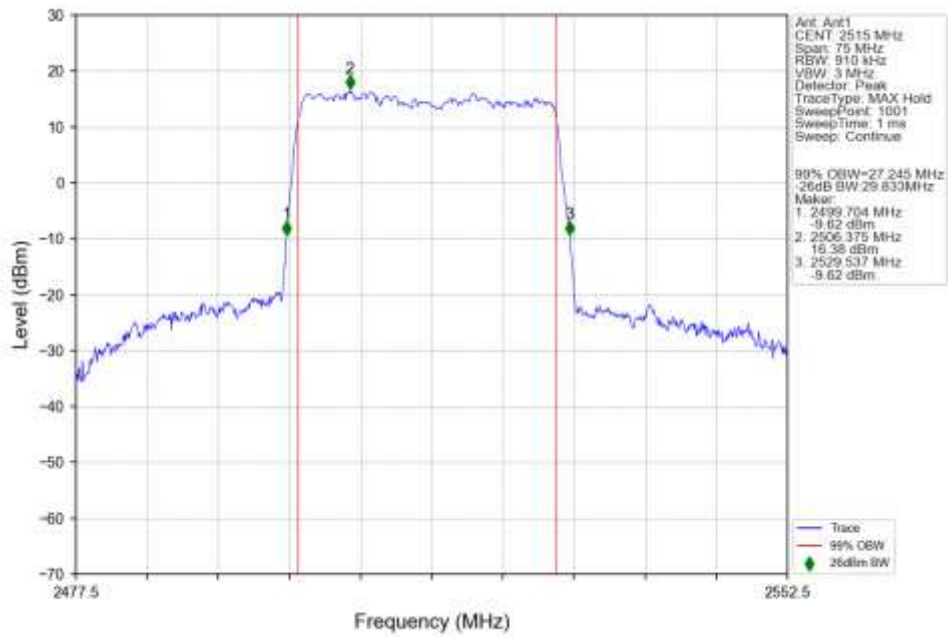
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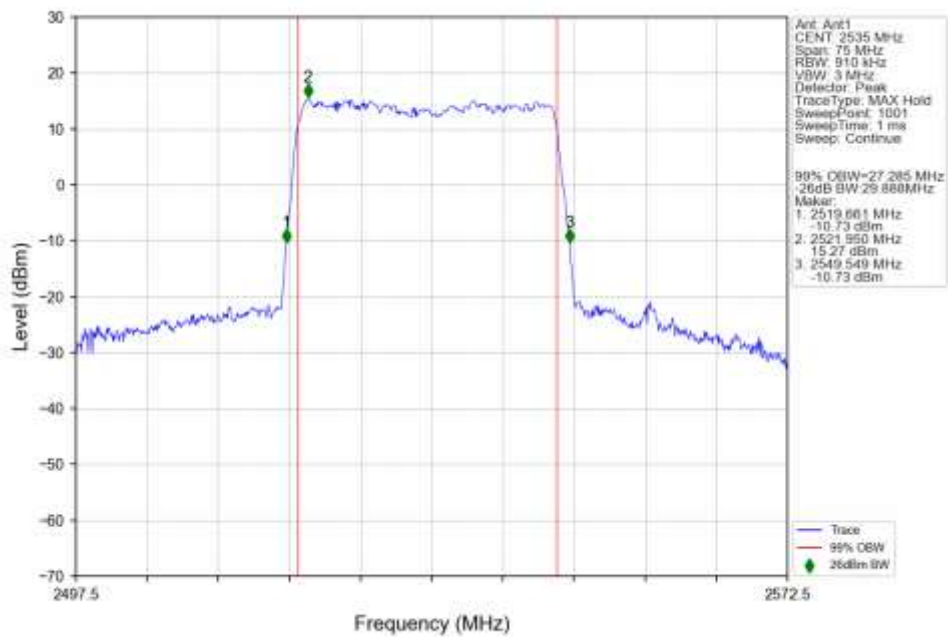
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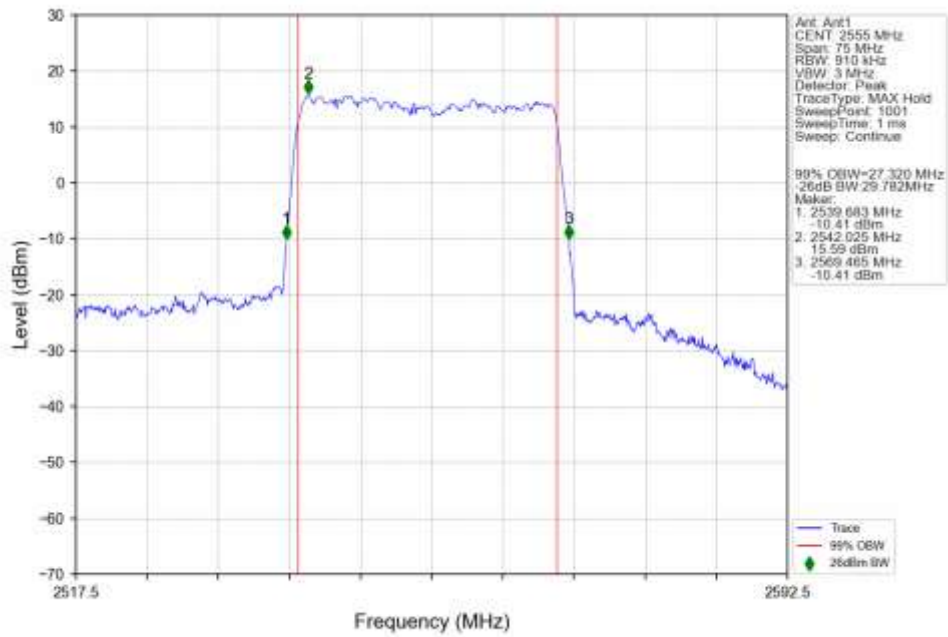
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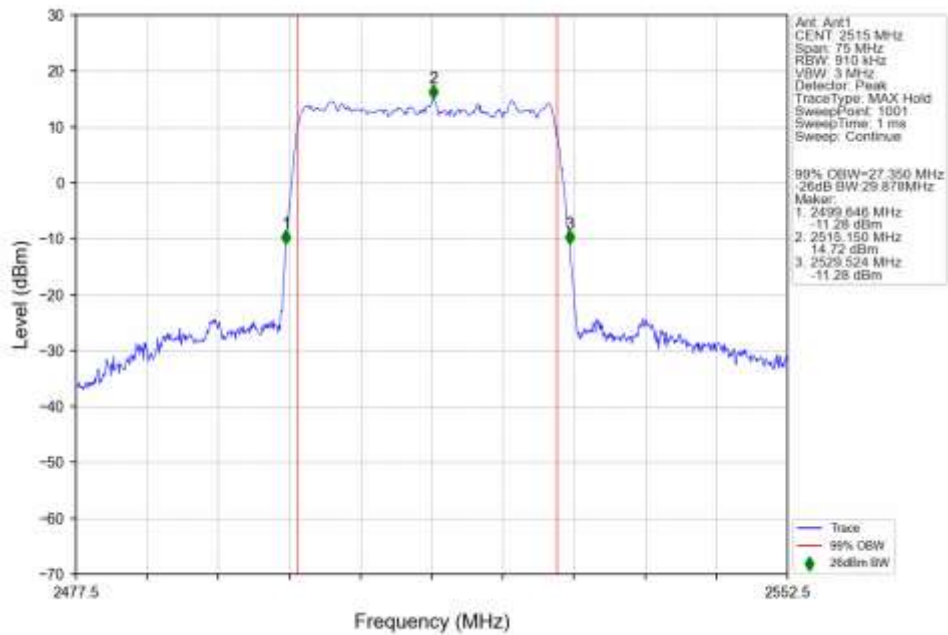
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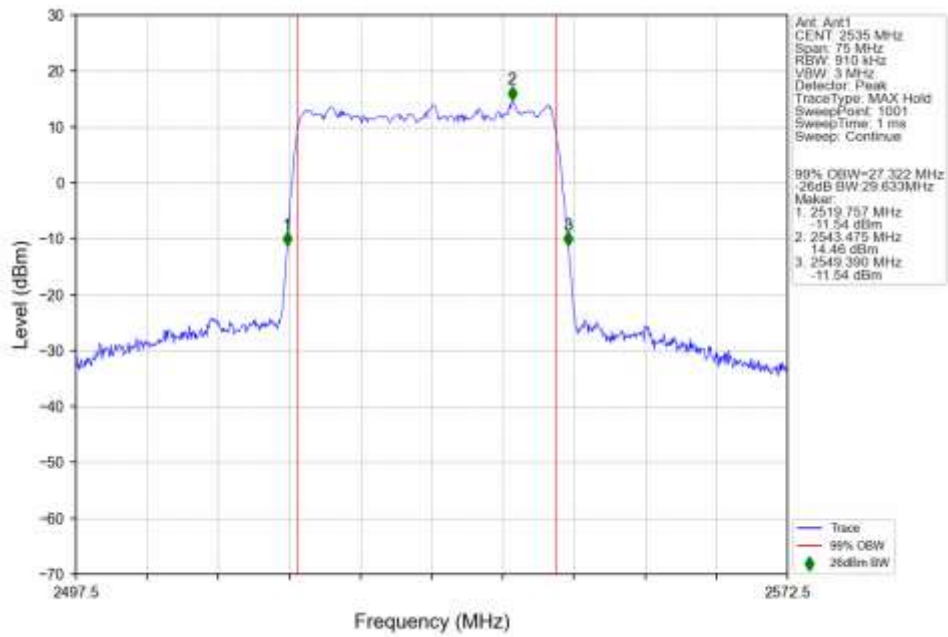
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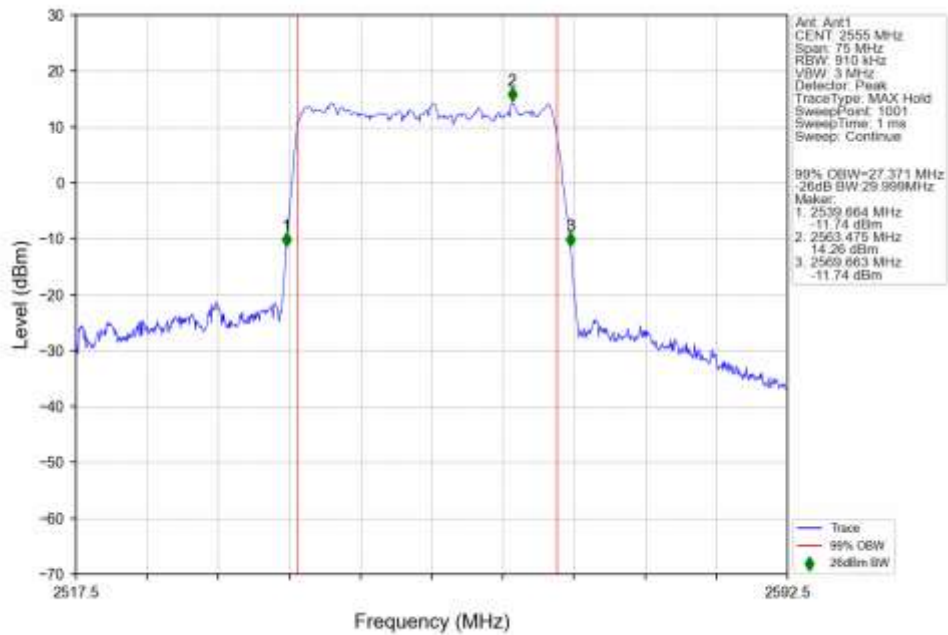
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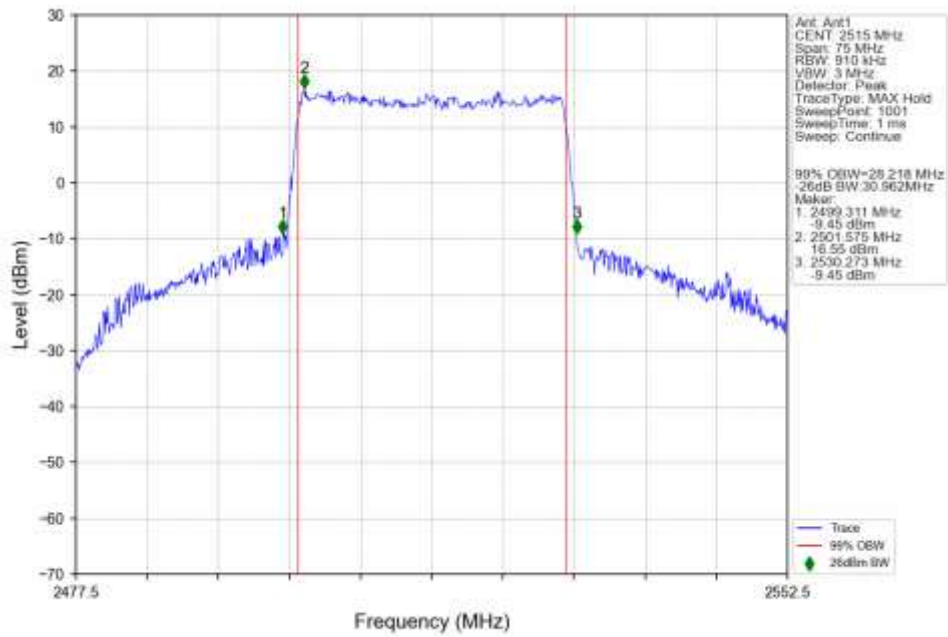
n7 30kHz SISO NTN 30MHz DFT-s-OFDM 256 QAM 2535MHz Outer Full Ant1



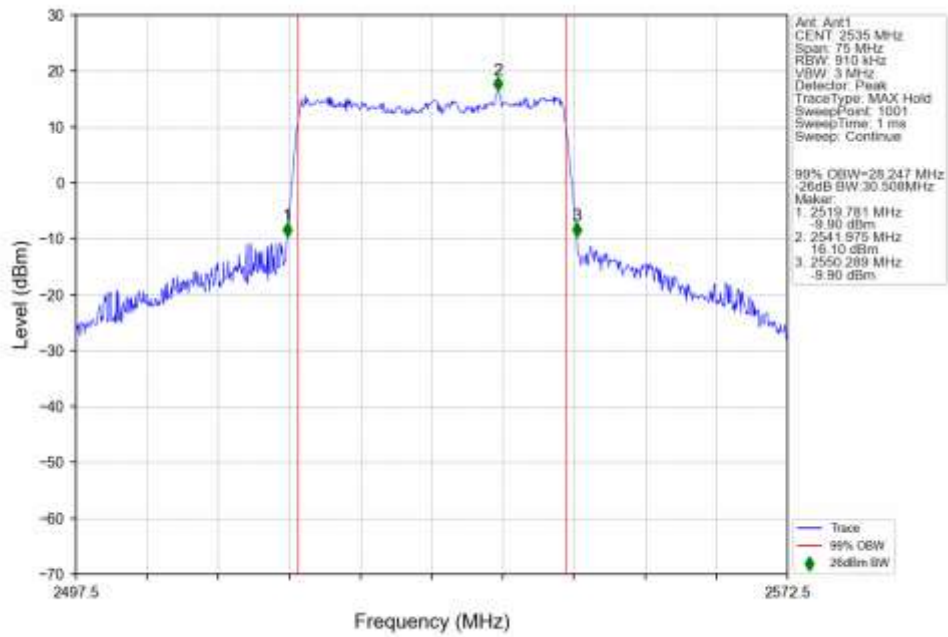
n7 30kHz SISO NTN 30MHz DFT-s-OFDM 256 QAM 2555MHz Outer Full Ant1



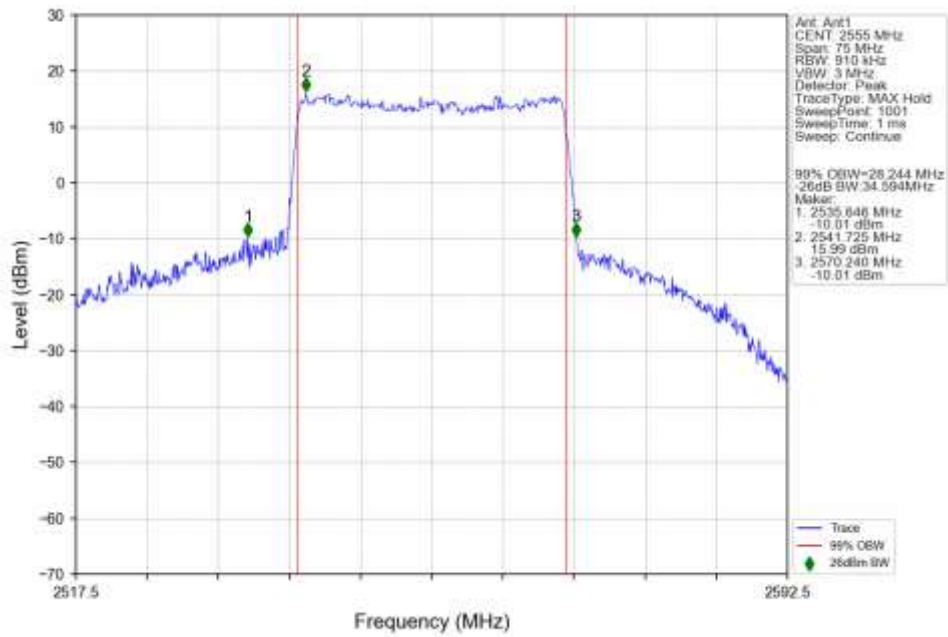
n7 30kHz SISO NTV 30MHz CP-OFDM QPSK 2515MHz Outer Full Ant1



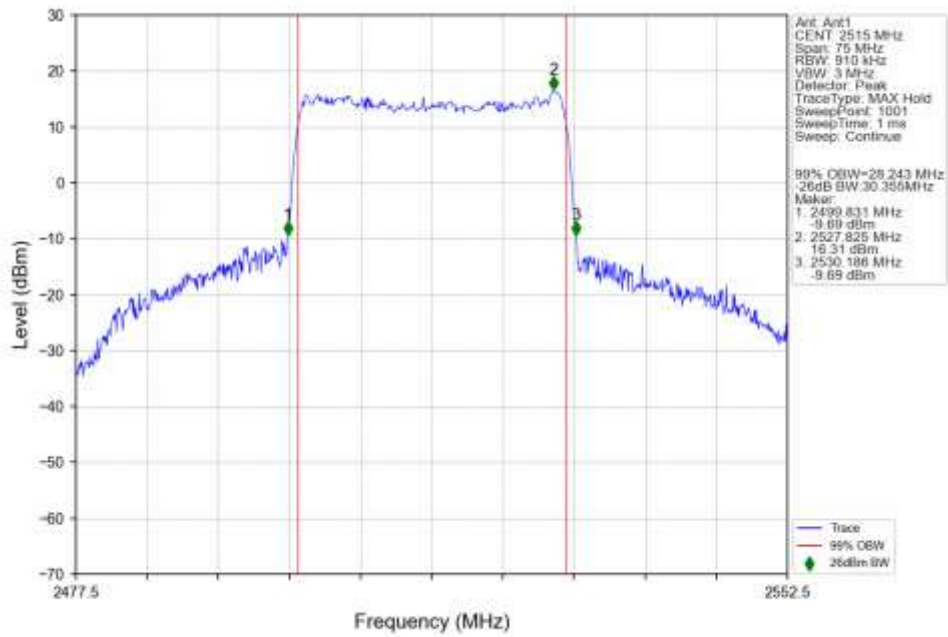
n7 30kHz SISO NTV 30MHz CP-OFDM QPSK 2535MHz Outer Full Ant1



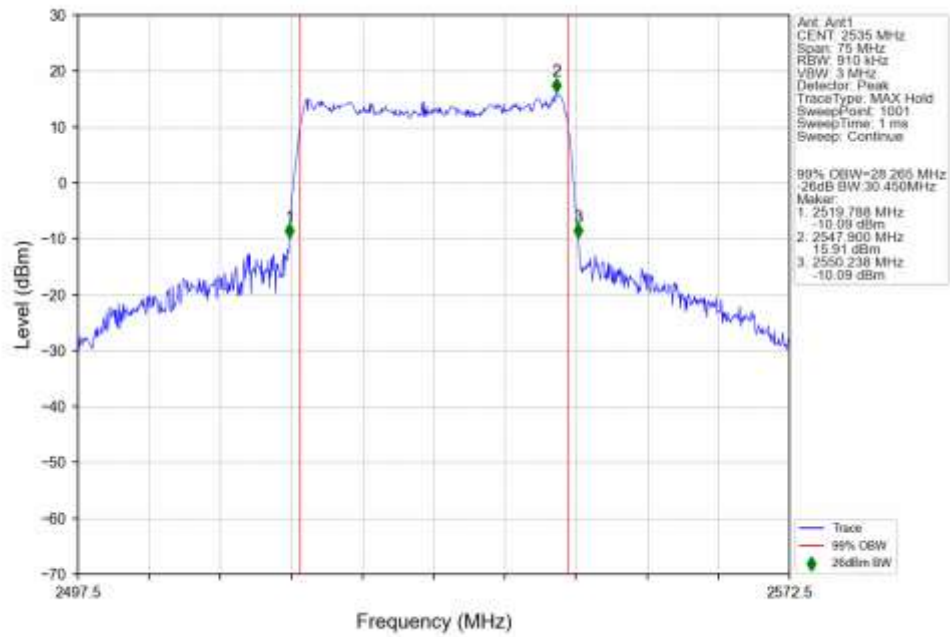
n7 30kHz SISO NTV 30MHz CP-OFDM QPSK 2555MHz Outer Full Ant1



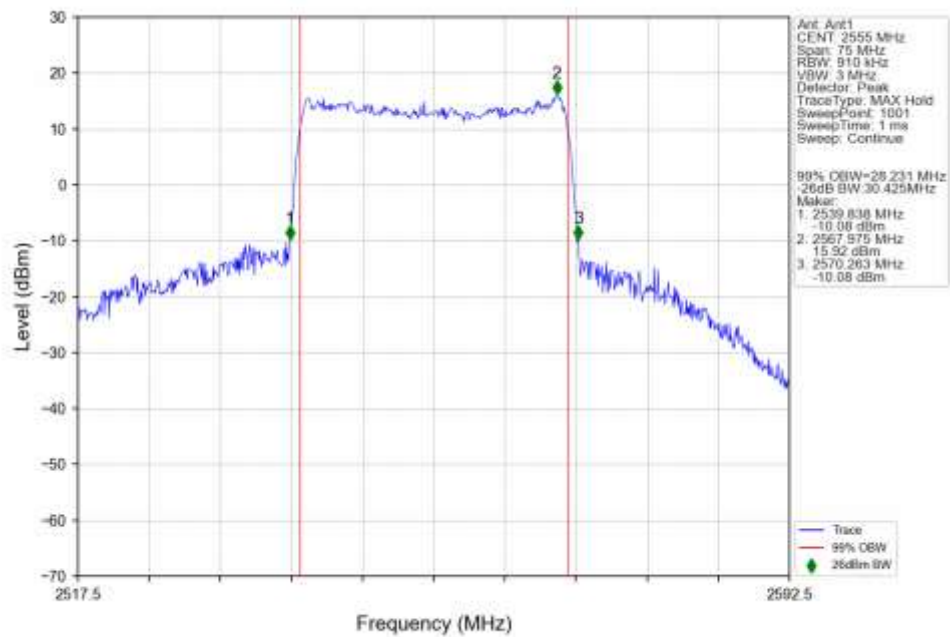
n7 30kHz SISO NTV 30MHz CP-OFDM 16 QAM 2515MHz Outer Full Ant1



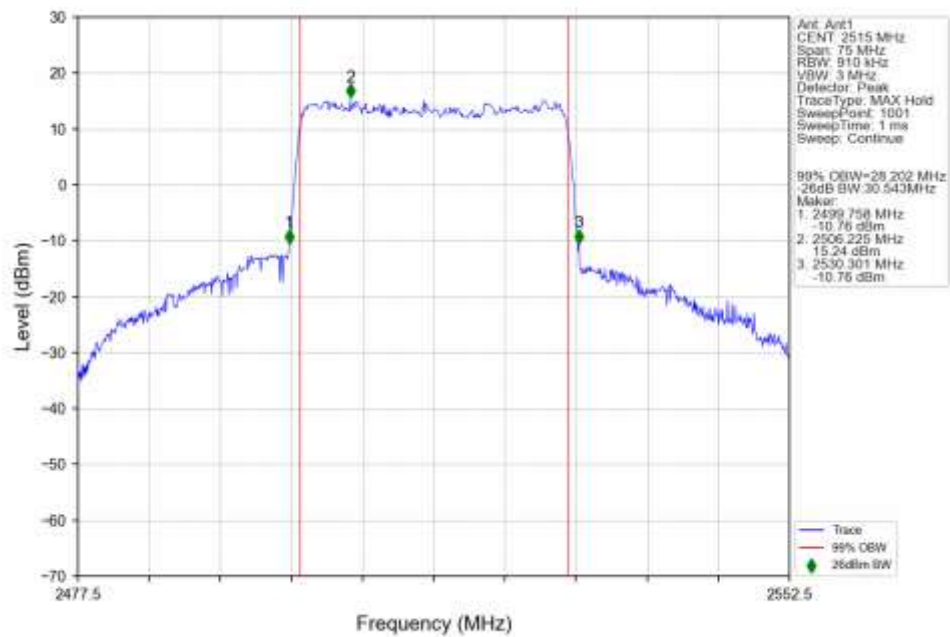
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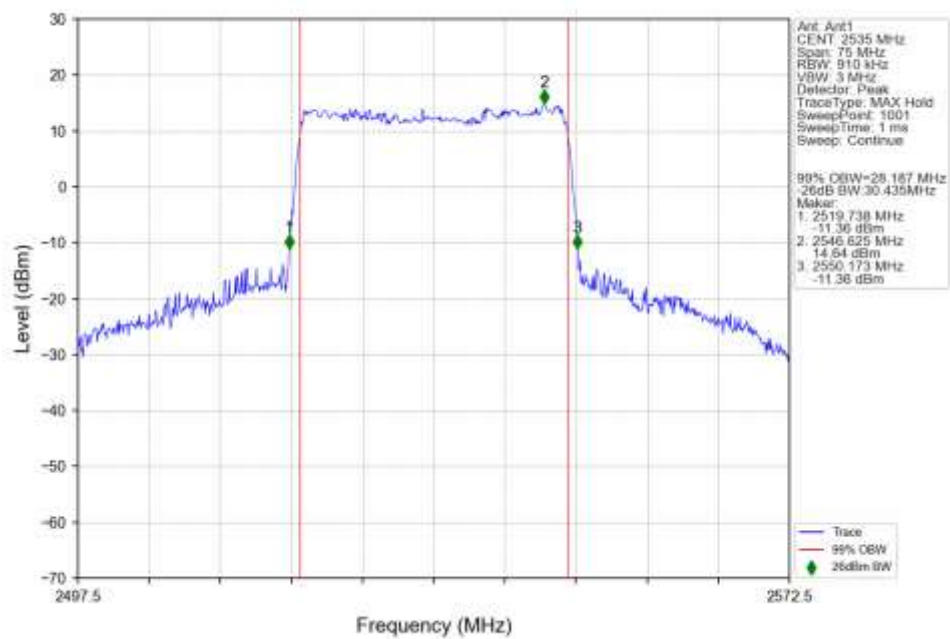
n7 30kHz SISO NTN 30MHz CP-OFDM 16 QAM 2555MHz Outer Full Ant1



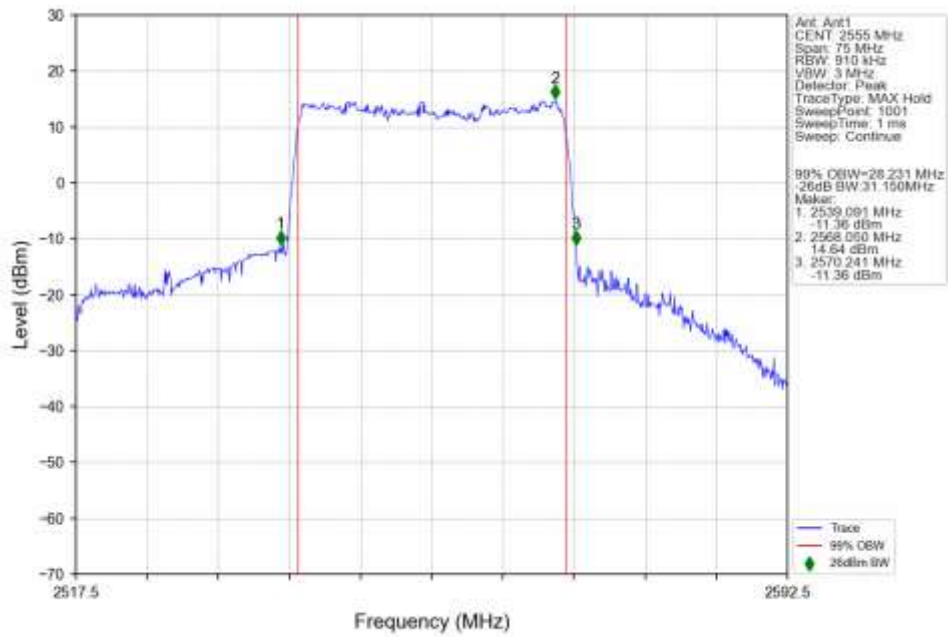
n7 30kHz SISO NTN 30MHz CP-OFDM 64 QAM 2515MHz Outer Full Ant1



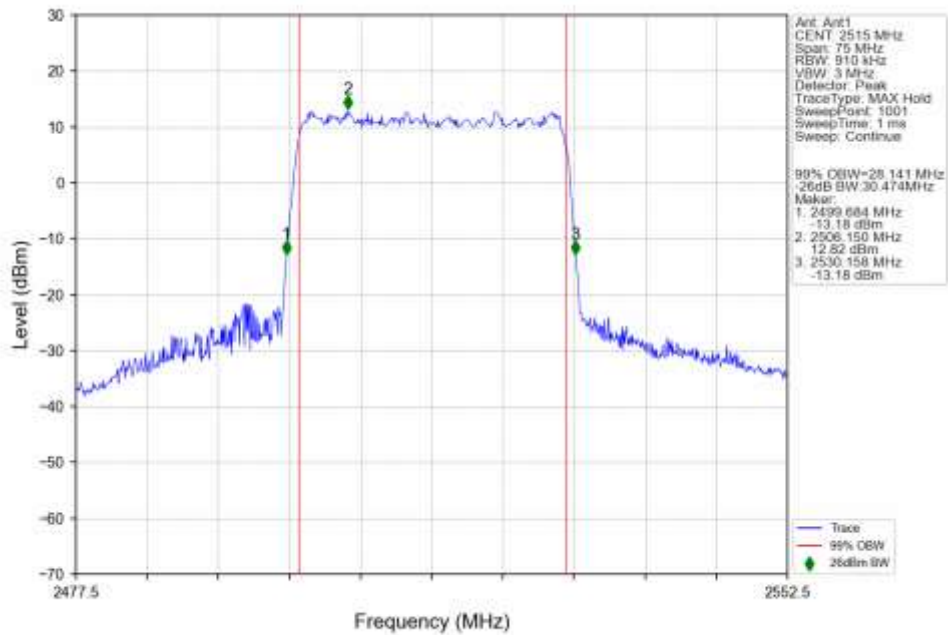
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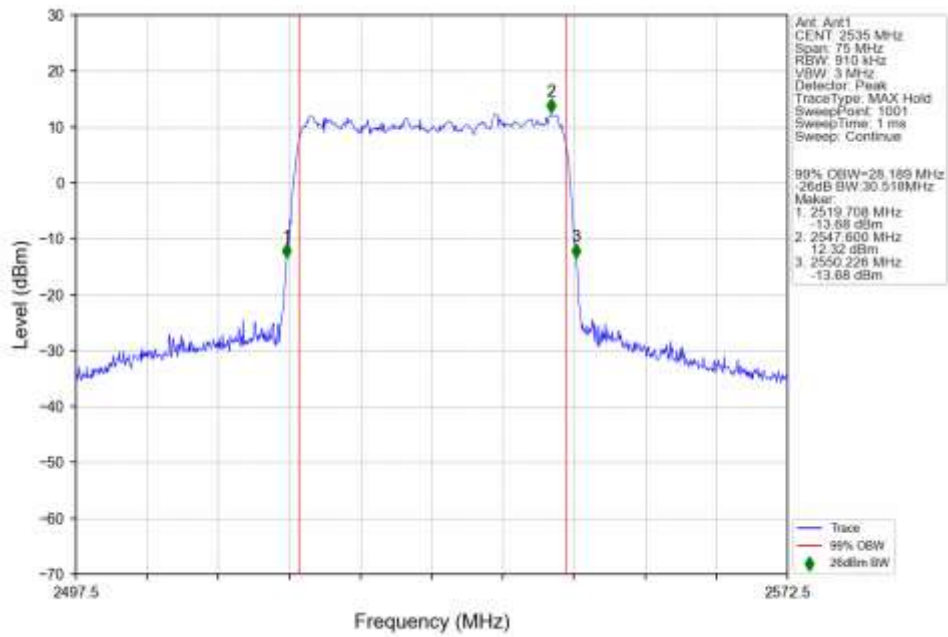
n7 30kHz SISO NTN 30MHz CP-OFDM 64 QAM 2555MHz Outer Full Ant1



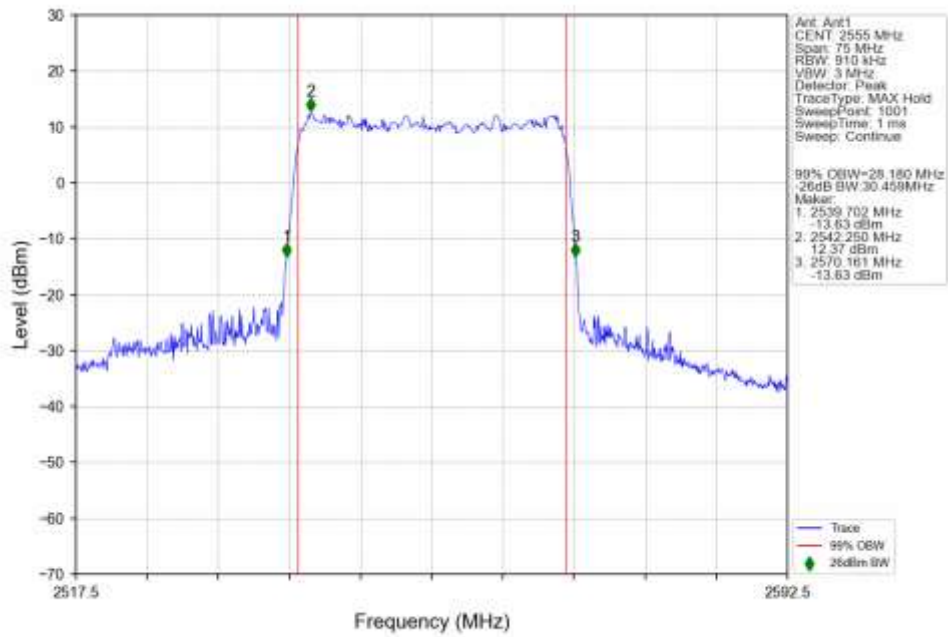
n7 30kHz SISO NTN 30MHz CP-OFDM 256 QAM 2515MHz Outer Full Ant1



n7 30kHz SISO NTN 30MHz CP-OFDM 256 QAM 2535MHz Outer Full Ant1



n7 30kHz SISO NTN 30MHz CP-OFDM 256 QAM 2555MHz Outer Full Ant1



5. Peak-Average Ratio

5.1 Test Result

5.1.1 15k_SISO_5MHz_NTNV

5G NR n7 SCS=15kHz SISO 5MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	2502.5	Outer Full	5.18	/	/	<=13	Pass
	2535	Outer Full	5.46	/	/	<=13	Pass
	2567.5	Outer Full	5.50	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	2502.5	Outer Full	5.84	/	/	<=13	Pass
	2535	Outer Full	6.11	/	/	<=13	Pass
	2567.5	Outer Full	6.10	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	2502.5	Outer Full	7.65	/	/	<=13	Pass
	2535	Outer Full	6.26	/	/	<=13	Pass
	2567.5	Outer Full	6.21	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	2502.5	Outer Full	6.55	/	/	<=13	Pass
	2535	Outer Full	6.60	/	/	<=13	Pass
	2567.5	Outer Full	6.57	/	/	<=13	Pass
CP-OFDM QPSK	2502.5	Outer Full	7.21	/	/	<=13	Pass
	2535	Outer Full	7.67	/	/	<=13	Pass
	2567.5	Outer Full	7.77	/	/	<=13	Pass
CP-OFDM 16 QAM	2502.5	Outer Full	7.43	/	/	<=13	Pass
	2535	Outer Full	7.77	/	/	<=13	Pass
	2567.5	Outer Full	7.83	/	/	<=13	Pass
CP-OFDM 64 QAM	2502.5	Outer Full	9.17	/	/	<=13	Pass
	2535	Outer Full	8.06	/	/	<=13	Pass
	2567.5	Outer Full	8.10	/	/	<=13	Pass
CP-OFDM 256 QAM	2502.5	Outer Full	8.16	/	/	<=13	Pass
	2535	Outer Full	8.15	/	/	<=13	Pass
	2567.5	Outer Full	8.22	/	/	<=13	Pass

5.1.2 15k_SISO_10MHz_NTNV

5G NR n7 SCS=15kHz SISO 10MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	2505	Outer Full	5.20	/	/	<=13	Pass
	2535	Outer Full	5.35	/	/	<=13	Pass
	2565	Outer Full	5.34	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	2505	Outer Full	6.00	/	/	<=13	Pass
	2535	Outer Full	6.16	/	/	<=13	Pass
	2565	Outer Full	6.17	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	2505	Outer Full	6.23	/	/	<=13	Pass
	2535	Outer Full	6.33	/	/	<=13	Pass
	2565	Outer Full	6.34	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	2505	Outer Full	6.31	/	/	<=13	Pass
	2535	Outer Full	6.36	/	/	<=13	Pass
	2565	Outer Full	6.38	/	/	<=13	Pass
CP-OFDM QPSK	2505	Outer Full	7.39	/	/	<=13	Pass
	2535	Outer Full	7.76	/	/	<=13	Pass
	2565	Outer Full	7.88	/	/	<=13	Pass

CP-OFDM 16 QAM	2505	Outer Full	7.75	/	/	<=13	Pass
	2535	Outer Full	8.09	/	/	<=13	Pass
	2565	Outer Full	8.23	/	/	<=13	Pass
CP-OFDM 64 QAM	2505	Outer Full	7.79	/	/	<=13	Pass
	2535	Outer Full	8.00	/	/	<=13	Pass
	2565	Outer Full	8.11	/	/	<=13	Pass
CP-OFDM 256 QAM	2505	Outer Full	8.17	/	/	<=13	Pass
	2535	Outer Full	8.21	/	/	<=13	Pass
	2565	Outer Full	8.26	/	/	<=13	Pass

5.1.3 15k_SISO_15MHz_NTNV

5G NR n7 SCS=15kHz SISO 15MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	2507.5	Outer Full	5.09	/	/	<=13	Pass
	2535	Outer Full	5.27	/	/	<=13	Pass
	2562.5	Outer Full	8.40	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	2507.5	Outer Full	5.77	/	/	<=13	Pass
	2535	Outer Full	6.00	/	/	<=13	Pass
	2562.5	Outer Full	6.10	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	2507.5	Outer Full	6.09	/	/	<=13	Pass
	2535	Outer Full	6.19	/	/	<=13	Pass
	2562.5	Outer Full	6.28	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	2507.5	Outer Full	6.27	/	/	<=13	Pass
	2535	Outer Full	6.28	/	/	<=13	Pass
	2562.5	Outer Full	6.32	/	/	<=13	Pass
CP-OFDM QPSK	2507.5	Outer Full	7.12	/	/	<=13	Pass
	2535	Outer Full	7.45	/	/	<=13	Pass
	2562.5	Outer Full	7.55	/	/	<=13	Pass
CP-OFDM 16 QAM	2507.5	Outer Full	7.36	/	/	<=13	Pass
	2535	Outer Full	7.76	/	/	<=13	Pass
	2562.5	Outer Full	7.94	/	/	<=13	Pass
CP-OFDM 64 QAM	2507.5	Outer Full	7.53	/	/	<=13	Pass
	2535	Outer Full	7.73	/	/	<=13	Pass
	2562.5	Outer Full	7.76	/	/	<=13	Pass
CP-OFDM 256 QAM	2507.5	Outer Full	9.45	/	/	<=13	Pass
	2535	Outer Full	8.12	/	/	<=13	Pass
	2562.5	Outer Full	8.17	/	/	<=13	Pass

5.1.4 15k_SISO_20MHz_NTNV

5G NR n7 SCS=15kHz SISO 20MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	2510	Outer Full	5.18	/	/	<=13	Pass
	2535	Outer Full	5.36	/	/	<=13	Pass
	2560	Outer Full	5.46	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	2510	Outer Full	5.93	/	/	<=13	Pass
	2535	Outer Full	6.08	/	/	<=13	Pass
	2560	Outer Full	6.11	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	2510	Outer Full	6.16	/	/	<=13	Pass
	2535	Outer Full	6.33	/	/	<=13	Pass
	2560	Outer Full	6.37	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	2510	Outer Full	6.36	/	/	<=13	Pass
	2535	Outer Full	6.37	/	/	<=13	Pass

CP-OFDM QPSK	2560	Outer Full	6.40	/	/	<=13	Pass
	2510	Outer Full	7.28	/	/	<=13	Pass
	2535	Outer Full	7.60	/	/	<=13	Pass
	2560	Outer Full	7.67	/	/	<=13	Pass
CP-OFDM 16 QAM	2510	Outer Full	7.54	/	/	<=13	Pass
	2535	Outer Full	9.00	/	/	<=13	Pass
	2560	Outer Full	10.24	/	/	<=13	Pass
CP-OFDM 64 QAM	2510	Outer Full	7.71	/	/	<=13	Pass
	2535	Outer Full	8.17	/	/	<=13	Pass
	2560	Outer Full	7.96	/	/	<=13	Pass
CP-OFDM 256 QAM	2510	Outer Full	8.13	/	/	<=13	Pass
	2535	Outer Full	12.72	/	/	<=13	Pass
	2560	Outer Full	8.21	/	/	<=13	Pass

5.1.5 15k_SISO_25MHz_NTNV

5G NR n7 SCS=15kHz SISO 25MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	2512.5	Outer Full	5.39	/	/	<=13	Pass
	2535	Outer Full	5.48	/	/	<=13	Pass
	2557.5	Outer Full	5.49	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	2512.5	Outer Full	5.99	/	/	<=13	Pass
	2535	Outer Full	6.08	/	/	<=13	Pass
	2557.5	Outer Full	7.20	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	2512.5	Outer Full	6.28	/	/	<=13	Pass
	2535	Outer Full	6.32	/	/	<=13	Pass
	2557.5	Outer Full	6.34	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	2512.5	Outer Full	6.40	/	/	<=13	Pass
	2535	Outer Full	6.45	/	/	<=13	Pass
	2557.5	Outer Full	6.43	/	/	<=13	Pass
CP-OFDM QPSK	2512.5	Outer Full	7.48	/	/	<=13	Pass
	2535	Outer Full	7.72	/	/	<=13	Pass
	2557.5	Outer Full	7.67	/	/	<=13	Pass
CP-OFDM 16 QAM	2512.5	Outer Full	7.67	/	/	<=13	Pass
	2535	Outer Full	7.90	/	/	<=13	Pass
	2557.5	Outer Full	8.77	/	/	<=13	Pass
CP-OFDM 64 QAM	2512.5	Outer Full	7.75	/	/	<=13	Pass
	2535	Outer Full	7.93	/	/	<=13	Pass
	2557.5	Outer Full	7.85	/	/	<=13	Pass
CP-OFDM 256 QAM	2512.5	Outer Full	8.36	/	/	<=13	Pass
	2535	Outer Full	8.23	/	/	<=13	Pass
	2557.5	Outer Full	8.26	/	/	<=13	Pass

5.1.6 15k_SISO_30MHz_NTNV

5G NR n7 SCS=15kHz SISO 30MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	2515	Outer Full	5.83	/	/	<=13	Pass
	2535	Outer Full	5.82	/	/	<=13	Pass
	2555	Outer Full	5.88	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	2515	Outer Full	6.33	/	/	<=13	Pass
	2535	Outer Full	6.33	/	/	<=13	Pass
	2555	Outer Full	6.34	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	2515	Outer Full	7.22	/	/	<=13	Pass

DFT-s-OFDM 256 QAM	2535	Outer Full	6.66	/	/	<=13	Pass
	2555	Outer Full	6.66	/	/	<=13	Pass
	2515	Outer Full	6.59	/	/	<=13	Pass
	2535	Outer Full	6.63	/	/	<=13	Pass
	2555	Outer Full	6.57	/	/	<=13	Pass
CP-OFDM QPSK	2515	Outer Full	7.81	/	/	<=13	Pass
	2535	Outer Full	7.92	/	/	<=13	Pass
	2555	Outer Full	7.95	/	/	<=13	Pass
CP-OFDM 16 QAM	2515	Outer Full	7.90	/	/	<=13	Pass
	2535	Outer Full	8.03	/	/	<=13	Pass
	2555	Outer Full	8.03	/	/	<=13	Pass
CP-OFDM 64 QAM	2515	Outer Full	8.03	/	/	<=13	Pass
	2535	Outer Full	8.13	/	/	<=13	Pass
	2555	Outer Full	8.11	/	/	<=13	Pass
CP-OFDM 256 QAM	2515	Outer Full	8.33	/	/	<=13	Pass
	2535	Outer Full	8.23	/	/	<=13	Pass
	2555	Outer Full	8.24	/	/	<=13	Pass

5.1.7 30k_SISO_10MHz_NTNV

5G NR n7 SCS=30kHz SISO 10MHz NTV							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	2505	Outer Full	6.67	/	/	<=13	Pass
	2535	Outer Full	5.39	/	/	<=13	Pass
	2565	Outer Full	5.54	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	2505	Outer Full	6.34	/	/	<=13	Pass
	2535	Outer Full	6.18	/	/	<=13	Pass
	2565	Outer Full	6.23	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	2505	Outer Full	6.23	/	/	<=13	Pass
	2535	Outer Full	6.37	/	/	<=13	Pass
	2565	Outer Full	6.41	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	2505	Outer Full	6.62	/	/	<=13	Pass
	2535	Outer Full	6.58	/	/	<=13	Pass
	2565	Outer Full	6.59	/	/	<=13	Pass
CP-OFDM QPSK	2505	Outer Full	7.44	/	/	<=13	Pass
	2535	Outer Full	7.84	/	/	<=13	Pass
	2565	Outer Full	7.93	/	/	<=13	Pass
CP-OFDM 16 QAM	2505	Outer Full	7.55	/	/	<=13	Pass
	2535	Outer Full	8.00	/	/	<=13	Pass
	2565	Outer Full	7.87	/	/	<=13	Pass
CP-OFDM 64 QAM	2505	Outer Full	7.69	/	/	<=13	Pass
	2535	Outer Full	7.92	/	/	<=13	Pass
	2565	Outer Full	7.98	/	/	<=13	Pass
CP-OFDM 256 QAM	2505	Outer Full	8.10	/	/	<=13	Pass
	2535	Outer Full	8.11	/	/	<=13	Pass
	2565	Outer Full	8.18	/	/	<=13	Pass

5.1.8 30k_SISO_15MHz_NTNV

5G NR n7 SCS=30kHz SISO 15MHz NTV							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	2507.5	Outer Full	5.22	/	/	<=13	Pass
	2535	Outer Full	5.46	/	/	<=13	Pass
	2562.5	Outer Full	5.55	/	/	<=13	Pass

DFT-s-OFDM 16 QAM	2507.5	Outer Full	5.91	/	/	<=13	Pass
	2535	Outer Full	6.01	/	/	<=13	Pass
	2562.5	Outer Full	6.10	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	2507.5	Outer Full	6.10	/	/	<=13	Pass
	2535	Outer Full	6.25	/	/	<=13	Pass
	2562.5	Outer Full	6.32	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	2507.5	Outer Full	6.25	/	/	<=13	Pass
	2535	Outer Full	6.27	/	/	<=13	Pass
	2562.5	Outer Full	6.32	/	/	<=13	Pass
CP-OFDM QPSK	2507.5	Outer Full	7.17	/	/	<=13	Pass
	2535	Outer Full	7.54	/	/	<=13	Pass
	2562.5	Outer Full	7.50	/	/	<=13	Pass
CP-OFDM 16 QAM	2507.5	Outer Full	7.38	/	/	<=13	Pass
	2535	Outer Full	7.72	/	/	<=13	Pass
	2562.5	Outer Full	7.81	/	/	<=13	Pass
CP-OFDM 64 QAM	2507.5	Outer Full	7.58	/	/	<=13	Pass
	2535	Outer Full	7.83	/	/	<=13	Pass
	2562.5	Outer Full	7.85	/	/	<=13	Pass
CP-OFDM 256 QAM	2507.5	Outer Full	8.22	/	/	<=13	Pass
	2535	Outer Full	8.26	/	/	<=13	Pass
	2562.5	Outer Full	8.24	/	/	<=13	Pass

5.1.9 30k_SISO_20MHz_NTNV

5G NR n7 SCS=30kHz SISO 20MHz NTNV							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	2510	Outer Full	5.27	/	/	<=13	Pass
	2535	Outer Full	5.43	/	/	<=13	Pass
	2560	Outer Full	5.42	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	2510	Outer Full	6.03	/	/	<=13	Pass
	2535	Outer Full	6.19	/	/	<=13	Pass
	2560	Outer Full	6.44	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	2510	Outer Full	6.23	/	/	<=13	Pass
	2535	Outer Full	6.34	/	/	<=13	Pass
	2560	Outer Full	6.30	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	2510	Outer Full	6.36	/	/	<=13	Pass
	2535	Outer Full	6.36	/	/	<=13	Pass
	2560	Outer Full	6.38	/	/	<=13	Pass
CP-OFDM QPSK	2510	Outer Full	7.34	/	/	<=13	Pass
	2535	Outer Full	7.72	/	/	<=13	Pass
	2560	Outer Full	7.57	/	/	<=13	Pass
CP-OFDM 16 QAM	2510	Outer Full	7.57	/	/	<=13	Pass
	2535	Outer Full	7.79	/	/	<=13	Pass
	2560	Outer Full	8.00	/	/	<=13	Pass
CP-OFDM 64 QAM	2510	Outer Full	7.73	/	/	<=13	Pass
	2535	Outer Full	8.39	/	/	<=13	Pass
	2560	Outer Full	7.85	/	/	<=13	Pass
CP-OFDM 256 QAM	2510	Outer Full	8.40	/	/	<=13	Pass
	2535	Outer Full	8.38	/	/	<=13	Pass
	2560	Outer Full	8.45	/	/	<=13	Pass

5.1.10 30k_SISO_25MHz_NTNV

5G NR n7 SCS=30kHz SISO 25MHz NTNV				
Modulation	Frequency	RB	Peak-Average Ratio (dB)	Verdict