

DFT-s-OFDM 256 QAM	2593.005	Outer_Full	40	NV	6.80	0.0026	>=-2.5 & <=2.5	Pass
			50	NV	4.20	0.0016	>=-2.5 & <=2.5	Pass
			20	LV	-0.40	-0.0002	>=-2.5 & <=2.5	Pass
				HV	4.70	0.0018	>=-2.5 & <=2.5	Pass
			-30	NV	3.70	0.0014	>=-2.5 & <=2.5	Pass
			-20	NV	1.20	0.0005	>=-2.5 & <=2.5	Pass
			-10	NV	2.10	0.0008	>=-2.5 & <=2.5	Pass
			0	NV	-3.20	-0.0012	>=-2.5 & <=2.5	Pass
			10	NV	-1.40	-0.0005	>=-2.5 & <=2.5	Pass
			20	NV	1.50	0.0006	>=-2.5 & <=2.5	Pass
			30	NV	2.40	0.0009	>=-2.5 & <=2.5	Pass
			40	NV	1.90	0.0007	>=-2.5 & <=2.5	Pass
50	NV	5.10	0.0020	>=-2.5 & <=2.5	Pass			
CP-OFDM QPSK	2593.005	Outer_Full	20	LV	3.30	0.0013	>=-2.5 & <=2.5	Pass
				HV	1.80	0.0007	>=-2.5 & <=2.5	Pass
			-30	NV	-2.90	-0.0011	>=-2.5 & <=2.5	Pass
			-20	NV	3.40	0.0013	>=-2.5 & <=2.5	Pass
			-10	NV	-1.20	-0.0005	>=-2.5 & <=2.5	Pass
			0	NV	0.50	0.0002	>=-2.5 & <=2.5	Pass
			10	NV	1.40	0.0005	>=-2.5 & <=2.5	Pass
			20	NV	2.90	0.0011	>=-2.5 & <=2.5	Pass
			30	NV	2.10	0.0008	>=-2.5 & <=2.5	Pass
			40	NV	-2.10	-0.0008	>=-2.5 & <=2.5	Pass
			50	NV	2.80	0.0011	>=-2.5 & <=2.5	Pass
			CP-OFDM 16 QAM	2593.005	Outer_Full	20	LV	4.10
HV	1.10	0.0004					>=-2.5 & <=2.5	Pass
-30	NV	-2.50				-0.0010	>=-2.5 & <=2.5	Pass
-20	NV	3.50				0.0013	>=-2.5 & <=2.5	Pass
-10	NV	2.40				0.0009	>=-2.5 & <=2.5	Pass
0	NV	-1.10				-0.0004	>=-2.5 & <=2.5	Pass
10	NV	4.00				0.0015	>=-2.5 & <=2.5	Pass
20	NV	2.40				0.0009	>=-2.5 & <=2.5	Pass
30	NV	-1.40				-0.0005	>=-2.5 & <=2.5	Pass
40	NV	3.10				0.0012	>=-2.5 & <=2.5	Pass
50	NV	7.00				0.0027	>=-2.5 & <=2.5	Pass
CP-OFDM 64 QAM	2593.005	Outer_Full				20	LV	3.00
			HV	6.30	0.0024		>=-2.5 & <=2.5	Pass
			-30	NV	2.70	0.0010	>=-2.5 & <=2.5	Pass
			-20	NV	2.20	0.0008	>=-2.5 & <=2.5	Pass
			-10	NV	1.10	0.0004	>=-2.5 & <=2.5	Pass
			0	NV	3.90	0.0015	>=-2.5 & <=2.5	Pass
			10	NV	1.60	0.0006	>=-2.5 & <=2.5	Pass
			20	NV	1.50	0.0006	>=-2.5 & <=2.5	Pass
			30	NV	4.90	0.0019	>=-2.5 & <=2.5	Pass
			40	NV	4.90	0.0019	>=-2.5 & <=2.5	Pass
			50	NV	1.30	0.0005	>=-2.5 & <=2.5	Pass
			CP-OFDM 256 QAM	2593.005	Outer_Full	20	LV	-1.30
HV	-2.80	-0.0011					>=-2.5 & <=2.5	Pass
-30	NV	1.10				0.0004	>=-2.5 & <=2.5	Pass
-20	NV	6.50				0.0025	>=-2.5 & <=2.5	Pass
-10	NV	1.70				0.0007	>=-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	4.50				0.0017	>=-2.5 & <=2.5	Pass
30	NV	1.00				0.0004	>=-2.5 & <=2.5	Pass
40	NV	1.30				0.0005	>=-2.5 & <=2.5	Pass
50	NV	-0.90				-0.0003	>=-2.5 & <=2.5	Pass

2.1.5 15k_SISO_50MHz

5G NR n41 SCS=15kHz SISO 50MHz								
Modulation	Frequency (MHz)	RB Allocation	Temp. (°C)	Volt.	Freq. Error (Hz)	Freq. vs. rated (ppm)		Verdict
						Result	Limit	
DFT-s-OFDM QPSK	2593.005	Outer_Full	20	LV	-2.80	-0.0011	>=-2.5 & <=2.5	Pass
				HV	4.40	0.0017	>=-2.5 & <=2.5	Pass
			-30	NV	4.30	0.0017	>=-2.5 & <=2.5	Pass
			-20	NV	-2.40	-0.0009	>=-2.5 & <=2.5	Pass
			-10	NV	5.40	0.0021	>=-2.5 & <=2.5	Pass
			0	NV	-1.40	-0.0005	>=-2.5 & <=2.5	Pass
			10	NV	-1.70	-0.0007	>=-2.5 & <=2.5	Pass
			20	NV	-0.70	-0.0003	>=-2.5 & <=2.5	Pass
			30	NV	2.50	0.0010	>=-2.5 & <=2.5	Pass
			40	NV	1.00	0.0004	>=-2.5 & <=2.5	Pass
50	NV	2.50	0.0010	>=-2.5 & <=2.5	Pass			
DFT-s-OFDM 16 QAM	2593.005	Outer_Full	20	LV	3.20	0.0012	>=-2.5 & <=2.5	Pass
				HV	3.50	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	2.80	0.0011	>=-2.5 & <=2.5	Pass
			0	NV	0.50	0.0002	>=-2.5 & <=2.5	Pass
			10	NV	-1.70	-0.0007	>=-2.5 & <=2.5	Pass
			20	NV	1.70	0.0007	>=-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	1.90	0.0007	>=-2.5 & <=2.5	Pass			
DFT-s-OFDM 64 QAM	2593.005	Outer_Full	20	LV	3.90	0.0015	>=-2.5 & <=2.5	Pass
				HV	-9.20	-0.0035	>=-2.5 & <=2.5	Pass
			-30	NV	5.50	0.0021	>=-2.5 & <=2.5	Pass
			-20	NV	6.80	0.0026	>=-2.5 & <=2.5	Pass
			-10	NV	3.60	0.0014	>=-2.5 & <=2.5	Pass
			0	NV	5.00	0.0019	>=-2.5 & <=2.5	Pass
			10	NV	3.40	0.0013	>=-2.5 & <=2.5	Pass
			20	NV	1.00	0.0004	>=-2.5 & <=2.5	Pass
			30	NV	3.90	0.0015	>=-2.5 & <=2.5	Pass
			40	NV	0.90	0.0003	>=-2.5 & <=2.5	Pass
50	NV	3.90	0.0015	>=-2.5 & <=2.5	Pass			
DFT-s-OFDM 256 QAM	2593.005	Outer_Full	20	LV	-0.90	-0.0003	>=-2.5 & <=2.5	Pass
				HV	1.60	0.0006	>=-2.5 & <=2.5	Pass
			-30	NV	4.90	0.0019	>=-2.5 & <=2.5	Pass
			-20	NV	1.60	0.0006	>=-2.5 & <=2.5	Pass
			-10	NV	-1.00	-0.0004	>=-2.5 & <=2.5	Pass
			0	NV	-1.70	-0.0007	>=-2.5 & <=2.5	Pass
			10	NV	3.50	0.0013	>=-2.5 & <=2.5	Pass
			20	NV	5.70	0.0022	>=-2.5 & <=2.5	Pass
			30	NV	3.20	0.0012	>=-2.5 & <=2.5	Pass
			40	NV	2.10	0.0008	>=-2.5 & <=2.5	Pass
50	NV	3.60	0.0014	>=-2.5 & <=2.5	Pass			
CP-OFDM QPSK	2593.005	Outer_Full	20	LV	-1.80	-0.0007	>=-2.5 & <=2.5	Pass
				HV	-0.80	-0.0003	>=-2.5 & <=2.5	Pass
			-30	NV	2.20	0.0008	>=-2.5 & <=2.5	Pass
			-20	NV	4.80	0.0019	>=-2.5 & <=2.5	Pass
			-10	NV	1.70	0.0007	>=-2.5 & <=2.5	Pass
			0	NV	1.20	0.0005	>=-2.5 & <=2.5	Pass
			10	NV	-1.40	-0.0005	>=-2.5 & <=2.5	Pass
			20	NV	2.00	0.0008	>=-2.5 & <=2.5	Pass
			30	NV	-3.10	-0.0012	>=-2.5 & <=2.5	Pass
			40	NV	-1.70	-0.0007	>=-2.5 & <=2.5	Pass

CP-OFDM 16 QAM	2593.005	Outer_Full	50	NV	-1.30	-0.0005	>=-2.5 & <=2.5	Pass
			20	LV	2.40	0.0009	>=-2.5 & <=2.5	Pass
				HV	-0.60	-0.0002	>=-2.5 & <=2.5	Pass
			-30	NV	6.00	0.0023	>=-2.5 & <=2.5	Pass
			-20	NV	2.70	0.0010	>=-2.5 & <=2.5	Pass
			-10	NV	1.50	0.0006	>=-2.5 & <=2.5	Pass
			0	NV	3.10	0.0012	>=-2.5 & <=2.5	Pass
			10	NV	2.70	0.0010	>=-2.5 & <=2.5	Pass
			20	NV	2.20	0.0008	>=-2.5 & <=2.5	Pass
			30	NV	1.20	0.0005	>=-2.5 & <=2.5	Pass
			40	NV	4.90	0.0019	>=-2.5 & <=2.5	Pass
50	NV	2.80	0.0011	>=-2.5 & <=2.5	Pass			
CP-OFDM 64 QAM	2593.005	Outer_Full	20	LV	-0.80	-0.0003	>=-2.5 & <=2.5	Pass
			20	HV	-1.20	-0.0005	>=-2.5 & <=2.5	Pass
				-30	NV	1.30	0.0005	>=-2.5 & <=2.5
			-20	NV	3.10	0.0012	>=-2.5 & <=2.5	Pass
			-10	NV	3.90	0.0015	>=-2.5 & <=2.5	Pass
			0	NV	-0.50	-0.0002	>=-2.5 & <=2.5	Pass
			10	NV	1.10	0.0004	>=-2.5 & <=2.5	Pass
			20	NV	1.60	0.0006	>=-2.5 & <=2.5	Pass
			30	NV	-2.00	-0.0008	>=-2.5 & <=2.5	Pass
			40	NV	1.30	0.0005	>=-2.5 & <=2.5	Pass
			50	NV	1.80	0.0007	>=-2.5 & <=2.5	Pass
CP-OFDM 256 QAM	2593.005	Outer_Full	20	LV	1.10	0.0004	>=-2.5 & <=2.5	Pass
			20	HV	-3.20	-0.0012	>=-2.5 & <=2.5	Pass
				-30	NV	-2.30	-0.0009	>=-2.5 & <=2.5
			-20	NV	1.40	0.0005	>=-2.5 & <=2.5	Pass
			-10	NV	-2.00	-0.0008	>=-2.5 & <=2.5	Pass
			0	NV	-2.10	-0.0008	>=-2.5 & <=2.5	Pass
			10	NV	-1.20	-0.0005	>=-2.5 & <=2.5	Pass
			20	NV	1.70	0.0007	>=-2.5 & <=2.5	Pass
			30	NV	-0.70	-0.0003	>=-2.5 & <=2.5	Pass
			40	NV	1.60	0.0006	>=-2.5 & <=2.5	Pass
			50	NV	1.70	0.0007	>=-2.5 & <=2.5	Pass

2.1.6 30k_SISO_10MHz

5G NR n41 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	2592.99	Outer_Full	20	LV	-4.50	-0.0017	>=-2.5 & <=2.5	Pass
				HV	-3.30	-0.0013	>=-2.5 & <=2.5	Pass
			-30	NV	-4.90	-0.0019	>=-2.5 & <=2.5	Pass
			-20	NV	-4.30	-0.0017	>=-2.5 & <=2.5	Pass
			-10	NV	-5.20	-0.0020	>=-2.5 & <=2.5	Pass
			0	NV	-5.60	-0.0022	>=-2.5 & <=2.5	Pass
			10	NV	-5.40	-0.0021	>=-2.5 & <=2.5	Pass
			20	NV	-4.30	-0.0017	>=-2.5 & <=2.5	Pass
			30	NV	-1.60	-0.0006	>=-2.5 & <=2.5	Pass
			40	NV	2.70	0.0010	>=-2.5 & <=2.5	Pass
			50	NV	-8.50	-0.0033	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 16 QAM	2592.99	Outer_Full	20	LV	-3.80	-0.0015	>=-2.5 & <=2.5	Pass
				HV	-4.80	-0.0019	>=-2.5 & <=2.5	Pass
			-30	NV	-7.60	-0.0029	>=-2.5 & <=2.5	Pass
			-20	NV	-7.40	-0.0029	>=-2.5 & <=2.5	Pass
			-10	NV	-3.50	-0.0013	>=-2.5 & <=2.5	Pass
			0	NV	-4.20	-0.0016	>=-2.5 & <=2.5	Pass

			10	NV	-3.90	-0.0015	>=-2.5 & <=2.5	Pass
			20	NV	-7.80	-0.0030	>=-2.5 & <=2.5	Pass
			30	NV	-6.30	-0.0024	>=-2.5 & <=2.5	Pass
			40	NV	-2.20	-0.0008	>=-2.5 & <=2.5	Pass
			50	NV	-3.90	-0.0015	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 64 QAM	2592.99	Outer_Full	20	LV	-8.00	-0.0031	>=-2.5 & <=2.5	Pass
				HV	-4.50	-0.0017	>=-2.5 & <=2.5	Pass
			-30	NV	-4.90	-0.0019	>=-2.5 & <=2.5	Pass
			-20	NV	-5.00	-0.0019	>=-2.5 & <=2.5	Pass
			-10	NV	-8.20	-0.0032	>=-2.5 & <=2.5	Pass
			0	NV	-6.30	-0.0024	>=-2.5 & <=2.5	Pass
			10	NV	-5.70	-0.0022	>=-2.5 & <=2.5	Pass
			20	NV	-5.40	-0.0021	>=-2.5 & <=2.5	Pass
			30	NV	-8.40	-0.0032	>=-2.5 & <=2.5	Pass
			40	NV	-4.40	-0.0017	>=-2.5 & <=2.5	Pass
			50	NV	-3.20	-0.0012	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 256 QAM	2592.99	Outer_Full	20	LV	-8.50	-0.0033	>=-2.5 & <=2.5	Pass
				HV	-3.90	-0.0015	>=-2.5 & <=2.5	Pass
			-30	NV	-4.20	-0.0016	>=-2.5 & <=2.5	Pass
			-20	NV	-7.20	-0.0028	>=-2.5 & <=2.5	Pass
			-10	NV	-7.10	-0.0027	>=-2.5 & <=2.5	Pass
			0	NV	-8.30	-0.0032	>=-2.5 & <=2.5	Pass
			10	NV	-4.50	-0.0017	>=-2.5 & <=2.5	Pass
			20	NV	-4.80	-0.0019	>=-2.5 & <=2.5	Pass
			30	NV	-5.60	-0.0022	>=-2.5 & <=2.5	Pass
			40	NV	-4.50	-0.0017	>=-2.5 & <=2.5	Pass
			50	NV	-8.90	-0.0034	>=-2.5 & <=2.5	Pass
CP-OFDM QPSK	2592.99	Outer_Full	20	LV	-2.40	-0.0009	>=-2.5 & <=2.5	Pass
				HV	-5.10	-0.0020	>=-2.5 & <=2.5	Pass
			-30	NV	-4.50	-0.0017	>=-2.5 & <=2.5	Pass
			-20	NV	-3.60	-0.0014	>=-2.5 & <=2.5	Pass
			-10	NV	-5.30	-0.0020	>=-2.5 & <=2.5	Pass
			0	NV	-4.10	-0.0016	>=-2.5 & <=2.5	Pass
			10	NV	-4.30	-0.0017	>=-2.5 & <=2.5	Pass
			20	NV	-5.40	-0.0021	>=-2.5 & <=2.5	Pass
			30	NV	-4.60	-0.0018	>=-2.5 & <=2.5	Pass
			40	NV	-5.20	-0.0020	>=-2.5 & <=2.5	Pass
			50	NV	-2.80	-0.0011	>=-2.5 & <=2.5	Pass
CP-OFDM 16 QAM	2592.99	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	-3.60	-0.0014	>=-2.5 & <=2.5	Pass
			-20	NV	-5.00	-0.0019	>=-2.5 & <=2.5	Pass
			-10	NV	-3.20	-0.0012	>=-2.5 & <=2.5	Pass
			0	NV	-4.00	-0.0015	>=-2.5 & <=2.5	Pass
			10	NV	-1.60	-0.0006	>=-2.5 & <=2.5	Pass
			20	NV	-5.00	-0.0019	>=-2.5 & <=2.5	Pass
			30	NV	-4.70	-0.0018	>=-2.5 & <=2.5	Pass
			40	NV	-4.00	-0.0015	>=-2.5 & <=2.5	Pass
			50	NV	-4.60	-0.0018	>=-2.5 & <=2.5	Pass
CP-OFDM 64 QAM	2592.99	Outer_Full	20	LV	1.10	0.0004	>=-2.5 & <=2.5	Pass
				HV	-5.40	-0.0021	>=-2.5 & <=2.5	Pass
			-30	NV	-5.60	-0.0022	>=-2.5 & <=2.5	Pass
			-20	NV	-4.00	-0.0015	>=-2.5 & <=2.5	Pass
			-10	NV	-4.70	-0.0018	>=-2.5 & <=2.5	Pass
			0	NV	-6.50	-0.0025	>=-2.5 & <=2.5	Pass
			10	NV	-4.90	-0.0019	>=-2.5 & <=2.5	Pass
			20	NV	-4.50	-0.0017	>=-2.5 & <=2.5	Pass
			30	NV	-3.10	-0.0012	>=-2.5 & <=2.5	Pass
40	NV	-7.70	-0.0030	>=-2.5 & <=2.5	Pass			

CP-OFDM 256 QAM	2592.99	Outer_Full	50	NV	-3.40	-0.0013	>=-2.5 & <=2.5	Pass
			20	LV	-3.10	-0.0012	>=-2.5 & <=2.5	Pass
				HV	-2.60	-0.0010	>=-2.5 & <=2.5	Pass
			-30	NV	-4.60	-0.0018	>=-2.5 & <=2.5	Pass
			-20	NV	-4.30	-0.0017	>=-2.5 & <=2.5	Pass
			-10	NV	-1.80	-0.0007	>=-2.5 & <=2.5	Pass
			0	NV	-4.40	-0.0017	>=-2.5 & <=2.5	Pass
			10	NV	-4.50	-0.0017	>=-2.5 & <=2.5	Pass
			20	NV	-4.00	-0.0015	>=-2.5 & <=2.5	Pass
			30	NV	-3.40	-0.0013	>=-2.5 & <=2.5	Pass
			40	NV	-2.20	-0.0008	>=-2.5 & <=2.5	Pass
50	NV	-1.20	-0.0005	>=-2.5 & <=2.5	Pass			

2.1.7 30k_SISO_15MHz

5G NR n41 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	2592.99	Outer_Full	20	LV	-5.60	-0.0022	>=-2.5 & <=2.5	Pass
				HV	-5.80	-0.0022	>=-2.5 & <=2.5	Pass
			-30	NV	-1.90	-0.0007	>=-2.5 & <=2.5	Pass
			-20	NV	-3.90	-0.0015	>=-2.5 & <=2.5	Pass
			-10	NV	-6.10	-0.0024	>=-2.5 & <=2.5	Pass
			0	NV	-4.20	-0.0016	>=-2.5 & <=2.5	Pass
			10	NV	-5.30	-0.0020	>=-2.5 & <=2.5	Pass
			20	NV	-2.00	-0.0008	>=-2.5 & <=2.5	Pass
			30	NV	-6.20	-0.0024	>=-2.5 & <=2.5	Pass
			40	NV	3.30	0.0013	>=-2.5 & <=2.5	Pass
50	NV	-5.40	-0.0021	>=-2.5 & <=2.5	Pass			
DFT-s-OFDM 16 QAM	2592.99	Outer_Full	20	LV	-3.30	-0.0013	>=-2.5 & <=2.5	Pass
				HV	-4.20	-0.0016	>=-2.5 & <=2.5	Pass
			-30	NV	-4.70	-0.0018	>=-2.5 & <=2.5	Pass
			-20	NV	-5.40	-0.0021	>=-2.5 & <=2.5	Pass
			-10	NV	-5.30	-0.0020	>=-2.5 & <=2.5	Pass
			0	NV	-4.80	-0.0019	>=-2.5 & <=2.5	Pass
			10	NV	-4.80	-0.0019	>=-2.5 & <=2.5	Pass
			20	NV	-7.80	-0.0030	>=-2.5 & <=2.5	Pass
			30	NV	-7.00	-0.0027	>=-2.5 & <=2.5	Pass
			40	NV	-5.80	-0.0022	>=-2.5 & <=2.5	Pass
50	NV	-5.80	-0.0022	>=-2.5 & <=2.5	Pass			
DFT-s-OFDM 64 QAM	2592.99	Outer_Full	20	LV	-4.80	-0.0019	>=-2.5 & <=2.5	Pass
				HV	-4.80	-0.0019	>=-2.5 & <=2.5	Pass
			-30	NV	-4.10	-0.0016	>=-2.5 & <=2.5	Pass
			-20	NV	-6.40	-0.0025	>=-2.5 & <=2.5	Pass
			-10	NV	-6.60	-0.0025	>=-2.5 & <=2.5	Pass
			0	NV	-7.50	-0.0029	>=-2.5 & <=2.5	Pass
			10	NV	-4.50	-0.0017	>=-2.5 & <=2.5	Pass
			20	NV	-7.60	-0.0029	>=-2.5 & <=2.5	Pass
			30	NV	-3.50	-0.0013	>=-2.5 & <=2.5	Pass
			40	NV	-4.10	-0.0016	>=-2.5 & <=2.5	Pass
50	NV	-4.00	-0.0015	>=-2.5 & <=2.5	Pass			
DFT-s-OFDM 256 QAM	2592.99	Outer_Full	20	LV	-3.40	-0.0013	>=-2.5 & <=2.5	Pass
				HV	-5.50	-0.0021	>=-2.5 & <=2.5	Pass
			-30	NV	-5.50	-0.0021	>=-2.5 & <=2.5	Pass
			-20	NV	-4.70	-0.0018	>=-2.5 & <=2.5	Pass
			-10	NV	-3.20	-0.0012	>=-2.5 & <=2.5	Pass
0	NV	-7.70	-0.0030	>=-2.5 & <=2.5	Pass			

			10	NV	-7.80	-0.0030	>=-2.5 & <=2.5	Pass
			20	NV	-3.30	-0.0013	>=-2.5 & <=2.5	Pass
			30	NV	-6.60	-0.0025	>=-2.5 & <=2.5	Pass
			40	NV	-8.50	-0.0033	>=-2.5 & <=2.5	Pass
			50	NV	-3.90	-0.0015	>=-2.5 & <=2.5	Pass
CP-OFDM QPSK	2592.99	Outer_Full	20	LV	-1.40	-0.0005	>=-2.5 & <=2.5	Pass
				HV	-4.10	-0.0016	>=-2.5 & <=2.5	Pass
			-30	NV	-6.60	-0.0025	>=-2.5 & <=2.5	Pass
			-20	NV	0.20	0.0001	>=-2.5 & <=2.5	Pass
			-10	NV	-4.70	-0.0018	>=-2.5 & <=2.5	Pass
			0	NV	-4.60	-0.0018	>=-2.5 & <=2.5	Pass
			10	NV	-4.90	-0.0019	>=-2.5 & <=2.5	Pass
			20	NV	-4.90	-0.0019	>=-2.5 & <=2.5	Pass
			30	NV	-4.00	-0.0015	>=-2.5 & <=2.5	Pass
			40	NV	-2.80	-0.0011	>=-2.5 & <=2.5	Pass
			50	NV	10.50	0.0040	>=-2.5 & <=2.5	Pass
CP-OFDM 16 QAM	2592.99	Outer_Full	20	LV	-2.80	-0.0011	>=-2.5 & <=2.5	Pass
				HV	-4.60	-0.0018	>=-2.5 & <=2.5	Pass
			-30	NV	-3.60	-0.0014	>=-2.5 & <=2.5	Pass
			-20	NV	-3.60	-0.0014	>=-2.5 & <=2.5	Pass
			-10	NV	-4.70	-0.0018	>=-2.5 & <=2.5	Pass
			0	NV	-5.50	-0.0021	>=-2.5 & <=2.5	Pass
			10	NV	-2.70	-0.0010	>=-2.5 & <=2.5	Pass
			20	NV	-5.30	-0.0020	>=-2.5 & <=2.5	Pass
			30	NV	-4.30	-0.0017	>=-2.5 & <=2.5	Pass
			40	NV	-3.70	-0.0014	>=-2.5 & <=2.5	Pass
			50	NV	-3.50	-0.0013	>=-2.5 & <=2.5	Pass
CP-OFDM 64 QAM	2592.99	Outer_Full	20	LV	-1.90	-0.0007	>=-2.5 & <=2.5	Pass
				HV	-5.70	-0.0022	>=-2.5 & <=2.5	Pass
			-30	NV	-3.20	-0.0012	>=-2.5 & <=2.5	Pass
			-20	NV	-2.10	-0.0008	>=-2.5 & <=2.5	Pass
			-10	NV	-3.30	-0.0013	>=-2.5 & <=2.5	Pass
			0	NV	-3.50	-0.0013	>=-2.5 & <=2.5	Pass
			10	NV	-5.10	-0.0020	>=-2.5 & <=2.5	Pass
			20	NV	-4.30	-0.0017	>=-2.5 & <=2.5	Pass
			30	NV	-5.40	-0.0021	>=-2.5 & <=2.5	Pass
			40	NV	-1.40	-0.0005	>=-2.5 & <=2.5	Pass
			50	NV	-2.30	-0.0009	>=-2.5 & <=2.5	Pass
CP-OFDM 256 QAM	2592.99	Outer_Full	20	LV	2.80	0.0011	>=-2.5 & <=2.5	Pass
				HV	-4.20	-0.0016	>=-2.5 & <=2.5	Pass
			-30	NV	-3.00	-0.0012	>=-2.5 & <=2.5	Pass
			-20	NV	-4.10	-0.0016	>=-2.5 & <=2.5	Pass
			-10	NV	-3.60	-0.0014	>=-2.5 & <=2.5	Pass
			0	NV	-7.30	-0.0028	>=-2.5 & <=2.5	Pass
			10	NV	-4.10	-0.0016	>=-2.5 & <=2.5	Pass
			20	NV	-4.80	-0.0019	>=-2.5 & <=2.5	Pass
			30	NV	-3.00	-0.0012	>=-2.5 & <=2.5	Pass
			40	NV	-3.00	-0.0012	>=-2.5 & <=2.5	Pass
			50	NV	-6.40	-0.0025	>=-2.5 & <=2.5	Pass

2.1.8 30k_SISO_20MHz

5G NR n41 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	2592.99	Outer_Full	20	LV	-3.90	-0.0015	>=-2.5 & <=2.5	Pass
				HV	-6.10	-0.0024	>=-2.5 & <=2.5	Pass

			-30	NV	-5.50	-0.0021	>=-2.5 & <=2.5	Pass
			-20	NV	-4.10	-0.0016	>=-2.5 & <=2.5	Pass
			-10	NV	-11.30	-0.0044	>=-2.5 & <=2.5	Pass
			0	NV	-2.80	-0.0011	>=-2.5 & <=2.5	Pass
			10	NV	-3.30	-0.0013	>=-2.5 & <=2.5	Pass
			20	NV	-4.20	-0.0016	>=-2.5 & <=2.5	Pass
			30	NV	-6.10	-0.0024	>=-2.5 & <=2.5	Pass
			40	NV	-5.10	-0.0020	>=-2.5 & <=2.5	Pass
			50	NV	-6.30	-0.0024	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 16 QAM	2592.99	Outer_Full	20	LV	-5.80	-0.0022	>=-2.5 & <=2.5	Pass
				HV	-6.40	-0.0025	>=-2.5 & <=2.5	Pass
			-30	NV	-5.30	-0.0020	>=-2.5 & <=2.5	Pass
			-20	NV	-5.30	-0.0020	>=-2.5 & <=2.5	Pass
			-10	NV	-5.20	-0.0020	>=-2.5 & <=2.5	Pass
			0	NV	-4.50	-0.0017	>=-2.5 & <=2.5	Pass
			10	NV	-7.60	-0.0029	>=-2.5 & <=2.5	Pass
			20	NV	-7.20	-0.0028	>=-2.5 & <=2.5	Pass
			30	NV	-3.10	-0.0012	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 64 QAM	2592.99	Outer_Full	40	NV	-6.20	-0.0024	>=-2.5 & <=2.5	Pass
			50	NV	-6.30	-0.0024	>=-2.5 & <=2.5	Pass
			20	LV	-3.70	-0.0014	>=-2.5 & <=2.5	Pass
				HV	-6.40	-0.0025	>=-2.5 & <=2.5	Pass
			-30	NV	-4.40	-0.0017	>=-2.5 & <=2.5	Pass
			-20	NV	-4.60	-0.0018	>=-2.5 & <=2.5	Pass
			-10	NV	-8.30	-0.0032	>=-2.5 & <=2.5	Pass
			0	NV	-5.90	-0.0023	>=-2.5 & <=2.5	Pass
			10	NV	-4.90	-0.0019	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 256 QAM	2592.99	Outer_Full	20	NV	-6.70	-0.0026	>=-2.5 & <=2.5	Pass
			30	NV	-3.40	-0.0013	>=-2.5 & <=2.5	Pass
			40	NV	-8.00	-0.0031	>=-2.5 & <=2.5	Pass
			50	NV	-5.30	-0.0020	>=-2.5 & <=2.5	Pass
			20	LV	-3.70	-0.0014	>=-2.5 & <=2.5	Pass
				HV	-4.80	-0.0019	>=-2.5 & <=2.5	Pass
			-30	NV	-1.90	-0.0007	>=-2.5 & <=2.5	Pass
			-20	NV	-1.40	-0.0005	>=-2.5 & <=2.5	Pass
			-10	NV	-4.70	-0.0018	>=-2.5 & <=2.5	Pass
CP-OFDM QPSK	2592.99	Outer_Full	0	NV	-4.80	-0.0019	>=-2.5 & <=2.5	Pass
			10	NV	3.50	0.0013	>=-2.5 & <=2.5	Pass
			20	NV	-6.00	-0.0023	>=-2.5 & <=2.5	Pass
			30	NV	-4.10	-0.0016	>=-2.5 & <=2.5	Pass
			40	NV	-4.60	-0.0018	>=-2.5 & <=2.5	Pass
			50	NV	-7.00	-0.0027	>=-2.5 & <=2.5	Pass
			20	LV	-2.20	-0.0008	>=-2.5 & <=2.5	Pass
				HV	-1.80	-0.0007	>=-2.5 & <=2.5	Pass
			-30	NV	-1.90	-0.0007	>=-2.5 & <=2.5	Pass
CP-OFDM 16 QAM	2592.99	Outer_Full	-20	NV	-1.80	-0.0007	>=-2.5 & <=2.5	Pass
			-10	NV	-2.80	-0.0011	>=-2.5 & <=2.5	Pass
			0	NV	-2.90	-0.0011	>=-2.5 & <=2.5	Pass
			10	NV	-3.40	-0.0013	>=-2.5 & <=2.5	Pass
			20	NV	-1.70	-0.0007	>=-2.5 & <=2.5	Pass
			30	NV	-2.90	-0.0011	>=-2.5 & <=2.5	Pass
			40	NV	-3.90	-0.0015	>=-2.5 & <=2.5	Pass
			50	NV	-2.80	-0.0011	>=-2.5 & <=2.5	Pass
			20	LV	2.60	0.0010	>=-2.5 & <=2.5	Pass
				HV	-3.50	-0.0013	>=-2.5 & <=2.5	Pass
			-30	NV	-6.00	-0.0023	>=-2.5 & <=2.5	Pass
			-20	NV	-5.10	-0.0020	>=-2.5 & <=2.5	Pass
			-10	NV	-4.40	-0.0017	>=-2.5 & <=2.5	Pass
			0	NV	-2.70	-0.0010	>=-2.5 & <=2.5	Pass
				NV	-2.70	-0.0010	>=-2.5 & <=2.5	Pass

			10	NV	-2.60	-0.0010	>=-2.5 & <=2.5	Pass
			20	NV	-6.20	-0.0024	>=-2.5 & <=2.5	Pass
			30	NV	-4.90	-0.0019	>=-2.5 & <=2.5	Pass
			40	NV	-4.80	-0.0019	>=-2.5 & <=2.5	Pass
			50	NV	-2.80	-0.0011	>=-2.5 & <=2.5	Pass
CP-OFDM 64 QAM	2592.99	Outer_Full	20	LV	-4.10	-0.0016	>=-2.5 & <=2.5	Pass
				HV	-5.30	-0.0020	>=-2.5 & <=2.5	Pass
			-30	NV	-5.70	-0.0022	>=-2.5 & <=2.5	Pass
			-20	NV	-2.20	-0.0008	>=-2.5 & <=2.5	Pass
			-10	NV	-3.00	-0.0012	>=-2.5 & <=2.5	Pass
			0	NV	-5.60	-0.0022	>=-2.5 & <=2.5	Pass
			10	NV	2.90	0.0011	>=-2.5 & <=2.5	Pass
			20	NV	-3.90	-0.0015	>=-2.5 & <=2.5	Pass
			30	NV	-3.00	-0.0012	>=-2.5 & <=2.5	Pass
			40	NV	-4.90	-0.0019	>=-2.5 & <=2.5	Pass
			50	NV	-5.90	-0.0023	>=-2.5 & <=2.5	Pass
CP-OFDM 256 QAM	2592.99	Outer_Full	20	LV	-2.60	-0.0010	>=-2.5 & <=2.5	Pass
				HV	-2.40	-0.0009	>=-2.5 & <=2.5	Pass
			-30	NV	-5.50	-0.0021	>=-2.5 & <=2.5	Pass
			-20	NV	1.20	0.0005	>=-2.5 & <=2.5	Pass
			-10	NV	-5.20	-0.0020	>=-2.5 & <=2.5	Pass
			0	NV	-3.80	-0.0015	>=-2.5 & <=2.5	Pass
			10	NV	-4.30	-0.0017	>=-2.5 & <=2.5	Pass
			20	NV	-3.60	-0.0014	>=-2.5 & <=2.5	Pass
			30	NV	-3.60	-0.0014	>=-2.5 & <=2.5	Pass
			40	NV	-4.10	-0.0016	>=-2.5 & <=2.5	Pass
			50	NV	-3.20	-0.0012	>=-2.5 & <=2.5	Pass

2.1.9 30k_SISO_40MHz

5G NR n41 SCS=30kHz SISO 40MHz								
Modulation	Frequency (MHz)	RB Allocation	Temp. (°C)	Volt.	Freq. Error (Hz)	Freq. vs. rated (ppm)		Verdict
						Result	Limit	
DFT-s-OFDM QPSK	2592.99	Outer_Full	20	LV	-4.00	-0.0015	>=-2.5 & <=2.5	Pass
				HV	-5.10	-0.0020	>=-2.5 & <=2.5	Pass
			-30	NV	-6.00	-0.0023	>=-2.5 & <=2.5	Pass
			-20	NV	-6.70	-0.0026	>=-2.5 & <=2.5	Pass
			-10	NV	-6.30	-0.0024	>=-2.5 & <=2.5	Pass
			0	NV	-4.30	-0.0017	>=-2.5 & <=2.5	Pass
			10	NV	-6.80	-0.0026	>=-2.5 & <=2.5	Pass
			20	NV	-5.70	-0.0022	>=-2.5 & <=2.5	Pass
			30	NV	-6.80	-0.0026	>=-2.5 & <=2.5	Pass
			40	NV	-3.60	-0.0014	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 16 QAM	2592.99	Outer_Full	20	LV	-3.70	-0.0014	>=-2.5 & <=2.5	Pass
				HV	-7.30	-0.0028	>=-2.5 & <=2.5	Pass
			-30	NV	-3.20	-0.0012	>=-2.5 & <=2.5	Pass
			-20	NV	-6.90	-0.0027	>=-2.5 & <=2.5	Pass
			-10	NV	-6.70	-0.0026	>=-2.5 & <=2.5	Pass
			0	NV	-5.10	-0.0020	>=-2.5 & <=2.5	Pass
			10	NV	-6.70	-0.0026	>=-2.5 & <=2.5	Pass
			20	NV	-3.80	-0.0015	>=-2.5 & <=2.5	Pass
			30	NV	-7.10	-0.0027	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 64 QAM	2592.99	Outer_Full	20	LV	-3.40	-0.0013	>=-2.5 & <=2.5	Pass
				HV	-6.50	-0.0025	>=-2.5 & <=2.5	Pass
			50	NV	-4.00	-0.0015	>=-2.5 & <=2.5	Pass

			-30	NV	-5.60	-0.0022	>=-2.5 & <=2.5	Pass
			-20	NV	-5.20	-0.0020	>=-2.5 & <=2.5	Pass
			-10	NV	-1.50	-0.0006	>=-2.5 & <=2.5	Pass
			0	NV	-3.10	-0.0012	>=-2.5 & <=2.5	Pass
			10	NV	-8.00	-0.0031	>=-2.5 & <=2.5	Pass
			20	NV	-8.10	-0.0031	>=-2.5 & <=2.5	Pass
			30	NV	-3.90	-0.0015	>=-2.5 & <=2.5	Pass
			40	NV	-2.90	-0.0011	>=-2.5 & <=2.5	Pass
			50	NV	-5.40	-0.0021	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 256 QAM	2592.99	Outer_Full	20	LV	-3.90	-0.0015	>=-2.5 & <=2.5	Pass
				HV	-5.40	-0.0021	>=-2.5 & <=2.5	Pass
			-30	NV	-6.00	-0.0023	>=-2.5 & <=2.5	Pass
			-20	NV	-5.10	-0.0020	>=-2.5 & <=2.5	Pass
			-10	NV	-5.00	-0.0019	>=-2.5 & <=2.5	Pass
			0	NV	-6.20	-0.0024	>=-2.5 & <=2.5	Pass
			10	NV	-3.70	-0.0014	>=-2.5 & <=2.5	Pass
			20	NV	-8.30	-0.0032	>=-2.5 & <=2.5	Pass
			30	NV	-6.80	-0.0026	>=-2.5 & <=2.5	Pass
CP-OFDM QPSK	2592.99	Outer_Full	20	LV	-4.00	-0.0015	>=-2.5 & <=2.5	Pass
				HV	-4.70	-0.0018	>=-2.5 & <=2.5	Pass
			-30	NV	-3.10	-0.0012	>=-2.5 & <=2.5	Pass
			-20	NV	-2.20	-0.0008	>=-2.5 & <=2.5	Pass
			-10	NV	-2.80	-0.0011	>=-2.5 & <=2.5	Pass
			0	NV	1.10	0.0004	>=-2.5 & <=2.5	Pass
			10	NV	-4.90	-0.0019	>=-2.5 & <=2.5	Pass
			20	NV	-3.90	-0.0015	>=-2.5 & <=2.5	Pass
			30	NV	-3.20	-0.0012	>=-2.5 & <=2.5	Pass
CP-OFDM 16 QAM	2592.99	Outer_Full	20	LV	-2.90	-0.0011	>=-2.5 & <=2.5	Pass
				HV	-3.10	-0.0012	>=-2.5 & <=2.5	Pass
			-30	NV	-4.10	-0.0016	>=-2.5 & <=2.5	Pass
			-20	NV	-22.00	-0.0085	>=-2.5 & <=2.5	Pass
			-10	NV	-5.80	-0.0022	>=-2.5 & <=2.5	Pass
			0	NV	-4.20	-0.0016	>=-2.5 & <=2.5	Pass
			10	NV	-2.90	-0.0011	>=-2.5 & <=2.5	Pass
			20	NV	-4.90	-0.0019	>=-2.5 & <=2.5	Pass
			30	NV	-2.40	-0.0009	>=-2.5 & <=2.5	Pass
CP-OFDM 64 QAM	2592.99	Outer_Full	20	LV	-2.70	-0.0010	>=-2.5 & <=2.5	Pass
				HV	-4.20	-0.0016	>=-2.5 & <=2.5	Pass
			-30	NV	-5.70	-0.0022	>=-2.5 & <=2.5	Pass
			-20	NV	-3.20	-0.0012	>=-2.5 & <=2.5	Pass
			-10	NV	-1.30	-0.0005	>=-2.5 & <=2.5	Pass
			0	NV	-3.50	-0.0013	>=-2.5 & <=2.5	Pass
			10	NV	1.60	0.0006	>=-2.5 & <=2.5	Pass
			20	NV	-2.90	-0.0011	>=-2.5 & <=2.5	Pass
			30	NV	-5.20	-0.0020	>=-2.5 & <=2.5	Pass
CP-OFDM 256 QAM	2592.99	Outer_Full	20	LV	-2.30	-0.0009	>=-2.5 & <=2.5	Pass
				HV	-5.00	-0.0019	>=-2.5 & <=2.5	Pass
			-30	NV	-4.60	-0.0018	>=-2.5 & <=2.5	Pass
			-20	NV	-1.70	-0.0007	>=-2.5 & <=2.5	Pass
			-10	NV	-3.90	-0.0015	>=-2.5 & <=2.5	Pass
		0	NV	-2.70	-0.0010	>=-2.5 & <=2.5	Pass	

			10	NV	-3.00	-0.0012	>=-2.5 & <=2.5	Pass
			20	NV	-5.50	-0.0021	>=-2.5 & <=2.5	Pass
			30	NV	-1.80	-0.0007	>=-2.5 & <=2.5	Pass
			40	NV	-2.00	-0.0008	>=-2.5 & <=2.5	Pass
			50	NV	-4.20	-0.0016	>=-2.5 & <=2.5	Pass

2.1.10 30k_SISO_50MHz

5G NR n41 SCS=30kHz SISO 50MHz								
Modulation	Frequency (MHz)	RB Allocation	Temp. (°C)	Volt.	Freq. Error (Hz)	Freq. vs. rated (ppm)		Verdict
						Result	Limit	
DFT-s-OFDM QPSK	2592.99	Outer_Full	20	LV	-6.20	-0.0024	>=-2.5 & <=2.5	Pass
				HV	-2.10	-0.0008	>=-2.5 & <=2.5	Pass
			-30	NV	-3.40	-0.0013	>=-2.5 & <=2.5	Pass
			-20	NV	-4.50	-0.0017	>=-2.5 & <=2.5	Pass
			-10	NV	-8.30	-0.0032	>=-2.5 & <=2.5	Pass
			0	NV	-5.70	-0.0022	>=-2.5 & <=2.5	Pass
			10	NV	-6.80	-0.0026	>=-2.5 & <=2.5	Pass
			20	NV	-5.50	-0.0021	>=-2.5 & <=2.5	Pass
			30	NV	-6.80	-0.0026	>=-2.5 & <=2.5	Pass
			40	NV	-5.90	-0.0023	>=-2.5 & <=2.5	Pass
50	NV	-5.70	-0.0022	>=-2.5 & <=2.5	Pass			
DFT-s-OFDM 16 QAM	2592.99	Outer_Full	20	LV	-8.40	-0.0032	>=-2.5 & <=2.5	Pass
				HV	-3.70	-0.0014	>=-2.5 & <=2.5	Pass
			-30	NV	-2.20	-0.0008	>=-2.5 & <=2.5	Pass
			-20	NV	-5.90	-0.0023	>=-2.5 & <=2.5	Pass
			-10	NV	-9.10	-0.0035	>=-2.5 & <=2.5	Pass
			0	NV	-5.00	-0.0019	>=-2.5 & <=2.5	Pass
			10	NV	-7.40	-0.0029	>=-2.5 & <=2.5	Pass
			20	NV	-6.60	-0.0025	>=-2.5 & <=2.5	Pass
			30	NV	-5.10	-0.0020	>=-2.5 & <=2.5	Pass
			40	NV	-4.30	-0.0017	>=-2.5 & <=2.5	Pass
50	NV	-4.70	-0.0018	>=-2.5 & <=2.5	Pass			
DFT-s-OFDM 64 QAM	2592.99	Outer_Full	20	LV	-3.10	-0.0012	>=-2.5 & <=2.5	Pass
				HV	-3.40	-0.0013	>=-2.5 & <=2.5	Pass
			-30	NV	-4.80	-0.0019	>=-2.5 & <=2.5	Pass
			-20	NV	-5.00	-0.0019	>=-2.5 & <=2.5	Pass
			-10	NV	-3.70	-0.0014	>=-2.5 & <=2.5	Pass
			0	NV	-5.50	-0.0021	>=-2.5 & <=2.5	Pass
			10	NV	-7.50	-0.0029	>=-2.5 & <=2.5	Pass
			20	NV	-6.00	-0.0023	>=-2.5 & <=2.5	Pass
			30	NV	-4.90	-0.0019	>=-2.5 & <=2.5	Pass
			40	NV	-7.00	-0.0027	>=-2.5 & <=2.5	Pass
50	NV	-5.10	-0.0020	>=-2.5 & <=2.5	Pass			
DFT-s-OFDM 256 QAM	2592.99	Outer_Full	20	LV	-8.80	-0.0034	>=-2.5 & <=2.5	Pass
				HV	-2.20	-0.0008	>=-2.5 & <=2.5	Pass
			-30	NV	-5.70	-0.0022	>=-2.5 & <=2.5	Pass
			-20	NV	-3.60	-0.0014	>=-2.5 & <=2.5	Pass
			-10	NV	-3.90	-0.0015	>=-2.5 & <=2.5	Pass
			0	NV	-6.90	-0.0027	>=-2.5 & <=2.5	Pass
			10	NV	-5.10	-0.0020	>=-2.5 & <=2.5	Pass
			20	NV	-7.40	-0.0029	>=-2.5 & <=2.5	Pass
			30	NV	-4.80	-0.0019	>=-2.5 & <=2.5	Pass
			40	NV	-3.90	-0.0015	>=-2.5 & <=2.5	Pass
50	NV	-3.80	-0.0015	>=-2.5 & <=2.5	Pass			
CP-OFDM QPSK	2592.99	Outer_Full	20	LV	-2.90	-0.0011	>=-2.5 & <=2.5	Pass
				HV	-3.20	-0.0012	>=-2.5 & <=2.5	Pass

			-30	NV	-3.60	-0.0014	>=-2.5 & <=2.5	Pass
			-20	NV	-3.20	-0.0012	>=-2.5 & <=2.5	Pass
			-10	NV	1.20	0.0005	>=-2.5 & <=2.5	Pass
			0	NV	2.60	0.0010	>=-2.5 & <=2.5	Pass
			10	NV	-3.70	-0.0014	>=-2.5 & <=2.5	Pass
			20	NV	-2.00	-0.0008	>=-2.5 & <=2.5	Pass
			30	NV	-2.80	-0.0011	>=-2.5 & <=2.5	Pass
			40	NV	-1.90	-0.0007	>=-2.5 & <=2.5	Pass
			50	NV	-2.50	-0.0010	>=-2.5 & <=2.5	Pass
CP-OFDM 16 QAM	2592.99	Outer_Full	20	LV	-3.80	-0.0015	>=-2.5 & <=2.5	Pass
				HV	-2.80	-0.0011	>=-2.5 & <=2.5	Pass
			-30	NV	-4.10	-0.0016	>=-2.5 & <=2.5	Pass
			-20	NV	-4.30	-0.0017	>=-2.5 & <=2.5	Pass
			-10	NV	-3.90	-0.0015	>=-2.5 & <=2.5	Pass
			0	NV	-2.70	-0.0010	>=-2.5 & <=2.5	Pass
			10	NV	-5.50	-0.0021	>=-2.5 & <=2.5	Pass
			20	NV	-4.10	-0.0016	>=-2.5 & <=2.5	Pass
			30	NV	1.50	0.0006	>=-2.5 & <=2.5	Pass
CP-OFDM 64 QAM	2592.99	Outer_Full	20	LV	-3.70	-0.0014	>=-2.5 & <=2.5	Pass
				HV	-1.10	-0.0004	>=-2.5 & <=2.5	Pass
			-30	NV	-5.80	-0.0022	>=-2.5 & <=2.5	Pass
			-20	NV	-5.30	-0.0020	>=-2.5 & <=2.5	Pass
			-10	NV	-4.60	-0.0018	>=-2.5 & <=2.5	Pass
			0	NV	-1.90	-0.0007	>=-2.5 & <=2.5	Pass
			10	NV	-4.10	-0.0016	>=-2.5 & <=2.5	Pass
			20	NV	-3.20	-0.0012	>=-2.5 & <=2.5	Pass
			30	NV	-2.30	-0.0009	>=-2.5 & <=2.5	Pass
CP-OFDM 256 QAM	2592.99	Outer_Full	20	LV	-4.50	-0.0017	>=-2.5 & <=2.5	Pass
				HV	-4.60	-0.0018	>=-2.5 & <=2.5	Pass
			-30	NV	-2.50	-0.0010	>=-2.5 & <=2.5	Pass
			-20	NV	-2.90	-0.0011	>=-2.5 & <=2.5	Pass
			-10	NV	-2.90	-0.0011	>=-2.5 & <=2.5	Pass
			0	NV	-2.60	-0.0010	>=-2.5 & <=2.5	Pass
			10	NV	-2.30	-0.0009	>=-2.5 & <=2.5	Pass
			20	NV	-4.60	-0.0018	>=-2.5 & <=2.5	Pass
			30	NV	-3.50	-0.0013	>=-2.5 & <=2.5	Pass
	40	NV	-2.10	-0.0008	>=-2.5 & <=2.5	Pass		
	50	NV	-4.30	-0.0017	>=-2.5 & <=2.5	Pass		

2.1.11 30k_SISO_60MHz

5G NR n41 SCS=30kHz SISO 60MHz								
Modulation	Frequency (MHz)	RB Allocation	Temp. (°C)	Volt.	Freq. Error (Hz)	Freq. vs. rated (ppm)		Verdict
						Result	Limit	
DFT-s-OFDM QPSK	2592.99	Outer_Full	20	LV	-6.50	-0.0025	>=-2.5 & <=2.5	Pass
				HV	-4.60	-0.0018	>=-2.5 & <=2.5	Pass
			-30	NV	-8.40	-0.0032	>=-2.5 & <=2.5	Pass
			-20	NV	-5.50	-0.0021	>=-2.5 & <=2.5	Pass
			-10	NV	-5.20	-0.0020	>=-2.5 & <=2.5	Pass
			0	NV	-5.50	-0.0021	>=-2.5 & <=2.5	Pass
			10	NV	-5.60	-0.0022	>=-2.5 & <=2.5	Pass
			20	NV	2.50	0.0010	>=-2.5 & <=2.5	Pass
			30	NV	-5.00	-0.0019	>=-2.5 & <=2.5	Pass

DFT-s-OFDM 16 QAM	2592.99	Outer_Full	40	NV	-5.40	-0.0021	>=-2.5 & <=2.5	Pass
			50	NV	-5.40	-0.0021	>=-2.5 & <=2.5	Pass
			20	LV	-5.70	-0.0022	>=-2.5 & <=2.5	Pass
				HV	-7.30	-0.0028	>=-2.5 & <=2.5	Pass
			-30	NV	-6.20	-0.0024	>=-2.5 & <=2.5	Pass
			-20	NV	-2.00	-0.0008	>=-2.5 & <=2.5	Pass
			-10	NV	-7.20	-0.0028	>=-2.5 & <=2.5	Pass
			0	NV	-5.00	-0.0019	>=-2.5 & <=2.5	Pass
			10	NV	-4.60	-0.0018	>=-2.5 & <=2.5	Pass
			20	NV	-4.70	-0.0018	>=-2.5 & <=2.5	Pass
			30	NV	-4.40	-0.0017	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 64 QAM	2592.99	Outer_Full	20	LV	-7.60	-0.0029	>=-2.5 & <=2.5	Pass
				HV	-7.10	-0.0027	>=-2.5 & <=2.5	Pass
			-30	NV	-5.00	-0.0019	>=-2.5 & <=2.5	Pass
			-20	NV	-3.20	-0.0012	>=-2.5 & <=2.5	Pass
			-10	NV	-26.70	-0.0103	>=-2.5 & <=2.5	Pass
			0	NV	-4.30	-0.0017	>=-2.5 & <=2.5	Pass
			10	NV	-5.00	-0.0019	>=-2.5 & <=2.5	Pass
			20	NV	-5.00	-0.0019	>=-2.5 & <=2.5	Pass
			30	NV	-6.40	-0.0025	>=-2.5 & <=2.5	Pass
			40	NV	-5.30	-0.0020	>=-2.5 & <=2.5	Pass
			50	NV	-3.30	-0.0013	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 256 QAM	2592.99	Outer_Full	20	LV	-5.60	-0.0022	>=-2.5 & <=2.5	Pass
				HV	-1.90	-0.0007	>=-2.5 & <=2.5	Pass
			-30	NV	-4.30	-0.0017	>=-2.5 & <=2.5	Pass
			-20	NV	-7.30	-0.0028	>=-2.5 & <=2.5	Pass
			-10	NV	-4.40	-0.0017	>=-2.5 & <=2.5	Pass
			0	NV	-7.00	-0.0027	>=-2.5 & <=2.5	Pass
			10	NV	-4.80	-0.0019	>=-2.5 & <=2.5	Pass
			20	NV	-3.70	-0.0014	>=-2.5 & <=2.5	Pass
			30	NV	-4.30	-0.0017	>=-2.5 & <=2.5	Pass
			40	NV	-6.70	-0.0026	>=-2.5 & <=2.5	Pass
			50	NV	-6.90	-0.0027	>=-2.5 & <=2.5	Pass
CP-OFDM QPSK	2592.99	Outer_Full	20	LV	-3.80	-0.0015	>=-2.5 & <=2.5	Pass
				HV	-2.10	-0.0008	>=-2.5 & <=2.5	Pass
			-30	NV	-2.10	-0.0008	>=-2.5 & <=2.5	Pass
			-20	NV	-0.90	-0.0003	>=-2.5 & <=2.5	Pass
			-10	NV	-6.10	-0.0024	>=-2.5 & <=2.5	Pass
			0	NV	-3.40	-0.0013	>=-2.5 & <=2.5	Pass
			10	NV	-2.90	-0.0011	>=-2.5 & <=2.5	Pass
			20	NV	-4.30	-0.0017	>=-2.5 & <=2.5	Pass
			30	NV	-4.10	-0.0016	>=-2.5 & <=2.5	Pass
			40	NV	-4.00	-0.0015	>=-2.5 & <=2.5	Pass
			50	NV	-2.00	-0.0008	>=-2.5 & <=2.5	Pass
CP-OFDM 16 QAM	2592.99	Outer_Full	20	LV	-3.80	-0.0015	>=-2.5 & <=2.5	Pass
				HV	-2.50	-0.0010	>=-2.5 & <=2.5	Pass
			-30	NV	-4.00	-0.0015	>=-2.5 & <=2.5	Pass
			-20	NV	-4.60	-0.0018	>=-2.5 & <=2.5	Pass
			-10	NV	-2.40	-0.0009	>=-2.5 & <=2.5	Pass
			0	NV	-5.20	-0.0020	>=-2.5 & <=2.5	Pass
			10	NV	-1.30	-0.0005	>=-2.5 & <=2.5	Pass
			20	NV	-1.80	-0.0007	>=-2.5 & <=2.5	Pass
			30	NV	2.00	0.0008	>=-2.5 & <=2.5	Pass
			40	NV	-3.20	-0.0012	>=-2.5 & <=2.5	Pass
			50	NV	-2.70	-0.0010	>=-2.5 & <=2.5	Pass
CP-OFDM 64 QAM	2592.99	Outer_Full	20	LV	1.00	0.0004	>=-2.5 & <=2.5	Pass
				HV	-3.80	-0.0015	>=-2.5 & <=2.5	Pass

			-30	NV	-3.20	-0.0012	>=-2.5 & <=2.5	Pass
			-20	NV	-5.60	-0.0022	>=-2.5 & <=2.5	Pass
			-10	NV	-2.10	-0.0008	>=-2.5 & <=2.5	Pass
			0	NV	-0.60	-0.0002	>=-2.5 & <=2.5	Pass
			10	NV	-2.70	-0.0010	>=-2.5 & <=2.5	Pass
			20	NV	-5.30	-0.0020	>=-2.5 & <=2.5	Pass
			30	NV	-2.30	-0.0009	>=-2.5 & <=2.5	Pass
			40	NV	-2.90	-0.0011	>=-2.5 & <=2.5	Pass
			50	NV	-4.80	-0.0019	>=-2.5 & <=2.5	Pass
CP-OFDM 256 QAM	2592.99	Outer_Full	20	LV	-3.30	-0.0013	>=-2.5 & <=2.5	Pass
				HV	-3.60	-0.0014	>=-2.5 & <=2.5	Pass
			-30	NV	-1.40	-0.0005	>=-2.5 & <=2.5	Pass
			-20	NV	-6.50	-0.0025	>=-2.5 & <=2.5	Pass
			-10	NV	-4.10	-0.0016	>=-2.5 & <=2.5	Pass
			0	NV	-5.50	-0.0021	>=-2.5 & <=2.5	Pass
			10	NV	-4.40	-0.0017	>=-2.5 & <=2.5	Pass
			20	NV	-3.30	-0.0013	>=-2.5 & <=2.5	Pass
			30	NV	-4.70	-0.0018	>=-2.5 & <=2.5	Pass
			40	NV	-3.70	-0.0014	>=-2.5 & <=2.5	Pass
50	NV	-4.30	-0.0017	>=-2.5 & <=2.5	Pass			

2.1.12 30k_SISO_80MHz

5G NR n41 SCS=30kHz SISO 80MHz								
Modulation	Frequency (MHz)	RB Allocation	Temp. (°C)	Volt.	Freq. Error (Hz)	Freq. vs. rated (ppm)		Verdict
						Result	Limit	
DFT-s-OFDM QPSK	2592.99	Outer_Full	20	LV	-4.10	-0.0016	>=-2.5 & <=2.5	Pass
				HV	-3.50	-0.0013	>=-2.5 & <=2.5	Pass
			-30	NV	-8.20	-0.0032	>=-2.5 & <=2.5	Pass
			-20	NV	-2.60	-0.0010	>=-2.5 & <=2.5	Pass
			-10	NV	3.00	0.0012	>=-2.5 & <=2.5	Pass
			0	NV	2.30	0.0009	>=-2.5 & <=2.5	Pass
			10	NV	-3.30	-0.0013	>=-2.5 & <=2.5	Pass
			20	NV	-6.70	-0.0026	>=-2.5 & <=2.5	Pass
			30	NV	-5.90	-0.0023	>=-2.5 & <=2.5	Pass
40	NV	-7.40	-0.0029	>=-2.5 & <=2.5	Pass			
50	NV	-3.60	-0.0014	>=-2.5 & <=2.5	Pass			
DFT-s-OFDM 16 QAM	2592.99	Outer_Full	20	LV	16.10	0.0062	>=-2.5 & <=2.5	Pass
				HV	-5.00	-0.0019	>=-2.5 & <=2.5	Pass
			-30	NV	-4.90	-0.0019	>=-2.5 & <=2.5	Pass
			-20	NV	-6.70	-0.0026	>=-2.5 & <=2.5	Pass
			-10	NV	-3.70	-0.0014	>=-2.5 & <=2.5	Pass
			0	NV	-4.10	-0.0016	>=-2.5 & <=2.5	Pass
			10	NV	-3.60	-0.0014	>=-2.5 & <=2.5	Pass
			20	NV	-5.10	-0.0020	>=-2.5 & <=2.5	Pass
			30	NV	-3.60	-0.0014	>=-2.5 & <=2.5	Pass
40	NV	-7.00	-0.0027	>=-2.5 & <=2.5	Pass			
50	NV	-4.60	-0.0018	>=-2.5 & <=2.5	Pass			
DFT-s-OFDM 64 QAM	2592.99	Outer_Full	20	LV	-3.10	-0.0012	>=-2.5 & <=2.5	Pass
				HV	-3.10	-0.0012	>=-2.5 & <=2.5	Pass
			-30	NV	-4.90	-0.0019	>=-2.5 & <=2.5	Pass
			-20	NV	-5.00	-0.0019	>=-2.5 & <=2.5	Pass
			-10	NV	-6.80	-0.0026	>=-2.5 & <=2.5	Pass
			0	NV	-3.60	-0.0014	>=-2.5 & <=2.5	Pass
			10	NV	-3.80	-0.0015	>=-2.5 & <=2.5	Pass
20	NV	-6.50	-0.0025	>=-2.5 & <=2.5	Pass			
30	NV	-3.40	-0.0013	>=-2.5 & <=2.5	Pass			

DFT-s-OFDM 256 QAM	2592.99	Outer_Full	40	NV	-4.10	-0.0016	>=-2.5 & <=2.5	Pass
			50	NV	-3.90	-0.0015	>=-2.5 & <=2.5	Pass
			20	LV	-4.30	-0.0017	>=-2.5 & <=2.5	Pass
				HV	-1.50	-0.0006	>=-2.5 & <=2.5	Pass
			-30	NV	-3.80	-0.0015	>=-2.5 & <=2.5	Pass
			-20	NV	-5.70	-0.0022	>=-2.5 & <=2.5	Pass
			-10	NV	-3.40	-0.0013	>=-2.5 & <=2.5	Pass
			0	NV	-4.20	-0.0016	>=-2.5 & <=2.5	Pass
			10	NV	-3.70	-0.0014	>=-2.5 & <=2.5	Pass
			20	NV	-5.80	-0.0022	>=-2.5 & <=2.5	Pass
			30	NV	-4.90	-0.0019	>=-2.5 & <=2.5	Pass
			40	NV	2.10	0.0008	>=-2.5 & <=2.5	Pass
50	NV	-6.90	-0.0027	>=-2.5 & <=2.5	Pass			
CP-OFDM QPSK	2592.99	Outer_Full	20	LV	-5.50	-0.0021	>=-2.5 & <=2.5	Pass
				HV	-4.20	-0.0016	>=-2.5 & <=2.5	Pass
			-30	NV	-2.50	-0.0010	>=-2.5 & <=2.5	Pass
			-20	NV	-4.20	-0.0016	>=-2.5 & <=2.5	Pass
			-10	NV	-4.20	-0.0016	>=-2.5 & <=2.5	Pass
			0	NV	-4.90	-0.0019	>=-2.5 & <=2.5	Pass
			10	NV	2.10	0.0008	>=-2.5 & <=2.5	Pass
			20	NV	-4.60	-0.0018	>=-2.5 & <=2.5	Pass
			30	NV	-3.00	-0.0012	>=-2.5 & <=2.5	Pass
			40	NV	-4.90	-0.0019	>=-2.5 & <=2.5	Pass
			50	NV	-1.80	-0.0007	>=-2.5 & <=2.5	Pass
			CP-OFDM 16 QAM	2592.99	Outer_Full	20	LV	-3.20
HV	-4.90	-0.0019					>=-2.5 & <=2.5	Pass
-30	NV	-2.20				-0.0008	>=-2.5 & <=2.5	Pass
-20	NV	-3.50				-0.0013	>=-2.5 & <=2.5	Pass
-10	NV	2.90				0.0011	>=-2.5 & <=2.5	Pass
0	NV	-3.40				-0.0013	>=-2.5 & <=2.5	Pass
10	NV	-1.50				-0.0006	>=-2.5 & <=2.5	Pass
20	NV	-2.50				-0.0010	>=-2.5 & <=2.5	Pass
30	NV	-2.40				-0.0009	>=-2.5 & <=2.5	Pass
40	NV	-2.50				-0.0010	>=-2.5 & <=2.5	Pass
50	NV	-4.00				-0.0015	>=-2.5 & <=2.5	Pass
CP-OFDM 64 QAM	2592.99	Outer_Full				20	LV	0.50
			HV	-3.60	-0.0014		>=-2.5 & <=2.5	Pass
			-30	NV	-4.70	-0.0018	>=-2.5 & <=2.5	Pass
			-20	NV	1.90	0.0007	>=-2.5 & <=2.5	Pass
			-10	NV	-3.70	-0.0014	>=-2.5 & <=2.5	Pass
			0	NV	-3.70	-0.0014	>=-2.5 & <=2.5	Pass
			10	NV	-3.50	-0.0013	>=-2.5 & <=2.5	Pass
			20	NV	-2.10	-0.0008	>=-2.5 & <=2.5	Pass
			30	NV	-4.20	-0.0016	>=-2.5 & <=2.5	Pass
			40	NV	-3.60	-0.0014	>=-2.5 & <=2.5	Pass
			50	NV	-2.70	-0.0010	>=-2.5 & <=2.5	Pass
			CP-OFDM 256 QAM	2592.99	Outer_Full	20	LV	-3.90
HV	-2.70	-0.0010					>=-2.5 & <=2.5	Pass
-30	NV	-2.70				-0.0010	>=-2.5 & <=2.5	Pass
-20	NV	-3.30				-0.0013	>=-2.5 & <=2.5	Pass
-10	NV	-1.60				-0.0006	>=-2.5 & <=2.5	Pass
0	NV	-1.70				-0.0007	>=-2.5 & <=2.5	Pass
10	NV	-4.70				-0.0018	>=-2.5 & <=2.5	Pass
20	NV	-5.70				-0.0022	>=-2.5 & <=2.5	Pass
30	NV	-4.10				-0.0016	>=-2.5 & <=2.5	Pass
40	NV	-4.60				-0.0018	>=-2.5 & <=2.5	Pass
50	NV	-4.30				-0.0017	>=-2.5 & <=2.5	Pass

2.1.13 30k_SISO_90MHz

5G NR n41 SCS=30kHz SISO 90MHz								
Modulation	Frequency (MHz)	RB Allocation	Temp. (°C)	Volt.	Freq. Error (Hz)	Freq. vs. rated (ppm)		Verdict
						Result	Limit	
DFT-s-OFDM QPSK	2592.99	Outer_Full	20	LV	-5.40	-0.0021	>=-2.5 & <=2.5	Pass
				HV	-5.10	-0.0020	>=-2.5 & <=2.5	Pass
			-30	NV	-4.20	-0.0016	>=-2.5 & <=2.5	Pass
			-20	NV	-4.90	-0.0019	>=-2.5 & <=2.5	Pass
			-10	NV	-6.70	-0.0026	>=-2.5 & <=2.5	Pass
			0	NV	-4.50	-0.0017	>=-2.5 & <=2.5	Pass
			10	NV	-3.20	-0.0012	>=-2.5 & <=2.5	Pass
			20	NV	-5.60	-0.0022	>=-2.5 & <=2.5	Pass
			30	NV	-2.80	-0.0011	>=-2.5 & <=2.5	Pass
			40	NV	5.50	0.0021	>=-2.5 & <=2.5	Pass
50	NV	-3.30	-0.0013	>=-2.5 & <=2.5	Pass			
DFT-s-OFDM 16 QAM	2592.99	Outer_Full	20	LV	-9.10	-0.0035	>=-2.5 & <=2.5	Pass
				HV	-6.00	-0.0023	>=-2.5 & <=2.5	Pass
			-30	NV	-5.80	-0.0022	>=-2.5 & <=2.5	Pass
			-20	NV	-3.60	-0.0014	>=-2.5 & <=2.5	Pass
			-10	NV	-2.40	-0.0009	>=-2.5 & <=2.5	Pass
			0	NV	-4.10	-0.0016	>=-2.5 & <=2.5	Pass
			10	NV	-5.90	-0.0023	>=-2.5 & <=2.5	Pass
			20	NV	-4.00	-0.0015	>=-2.5 & <=2.5	Pass
			30	NV	-5.80	-0.0022	>=-2.5 & <=2.5	Pass
			40	NV	-5.30	-0.0020	>=-2.5 & <=2.5	Pass
50	NV	-5.90	-0.0023	>=-2.5 & <=2.5	Pass			
DFT-s-OFDM 64 QAM	2592.99	Outer_Full	20	LV	-5.30	-0.0020	>=-2.5 & <=2.5	Pass
				HV	-2.50	-0.0010	>=-2.5 & <=2.5	Pass
			-30	NV	-6.10	-0.0024	>=-2.5 & <=2.5	Pass
			-20	NV	-6.50	-0.0025	>=-2.5 & <=2.5	Pass
			-10	NV	-7.90	-0.0030	>=-2.5 & <=2.5	Pass
			0	NV	-6.30	-0.0024	>=-2.5 & <=2.5	Pass
			10	NV	-4.00	-0.0015	>=-2.5 & <=2.5	Pass
			20	NV	-5.20	-0.0020	>=-2.5 & <=2.5	Pass
			30	NV	-3.30	-0.0013	>=-2.5 & <=2.5	Pass
			40	NV	-4.90	-0.0019	>=-2.5 & <=2.5	Pass
50	NV	-4.20	-0.0016	>=-2.5 & <=2.5	Pass			
DFT-s-OFDM 256 QAM	2592.99	Outer_Full	20	LV	-4.20	-0.0016	>=-2.5 & <=2.5	Pass
				HV	-2.60	-0.0010	>=-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	-4.00	-0.0015	>=-2.5 & <=2.5	Pass
			0	NV	-3.10	-0.0012	>=-2.5 & <=2.5	Pass
			10	NV	3.40	0.0013	>=-2.5 & <=2.5	Pass
			20	NV	-3.50	-0.0013	>=-2.5 & <=2.5	Pass
			30	NV	-1.30	-0.0005	>=-2.5 & <=2.5	Pass
			40	NV	-5.20	-0.0020	>=-2.5 & <=2.5	Pass
50	NV	-1.90	-0.0007	>=-2.5 & <=2.5	Pass			
CP-OFDM QPSK	2592.99	Outer_Full	20	LV	-6.00	-0.0023	>=-2.5 & <=2.5	Pass
				HV	-3.90	-0.0015	>=-2.5 & <=2.5	Pass
			-30	NV	-3.20	-0.0012	>=-2.5 & <=2.5	Pass
			-20	NV	3.50	0.0013	>=-2.5 & <=2.5	Pass
			-10	NV	-2.30	-0.0009	>=-2.5 & <=2.5	Pass
			0	NV	-2.70	-0.0010	>=-2.5 & <=2.5	Pass
			10	NV	-6.90	-0.0027	>=-2.5 & <=2.5	Pass
			20	NV	-4.30	-0.0017	>=-2.5 & <=2.5	Pass
			30	NV	-4.50	-0.0017	>=-2.5 & <=2.5	Pass
			40	NV	-5.50	-0.0021	>=-2.5 & <=2.5	Pass

CP-OFDM 16 QAM	2592.99	Outer_Full	50	NV	-0.40	-0.0002	>=-2.5 & <=2.5	Pass
			20	LV	-5.60	-0.0022	>=-2.5 & <=2.5	Pass
				HV	-2.00	-0.0008	>=-2.5 & <=2.5	Pass
			-30	NV	-5.50	-0.0021	>=-2.5 & <=2.5	Pass
			-20	NV	-1.60	-0.0006	>=-2.5 & <=2.5	Pass
			-10	NV	-1.90	-0.0007	>=-2.5 & <=2.5	Pass
			0	NV	-1.20	-0.0005	>=-2.5 & <=2.5	Pass
			10	NV	-1.80	-0.0007	>=-2.5 & <=2.5	Pass
			20	NV	2.40	0.0009	>=-2.5 & <=2.5	Pass
			30	NV	-2.50	-0.0010	>=-2.5 & <=2.5	Pass
			40	NV	-2.70	-0.0010	>=-2.5 & <=2.5	Pass
50	NV	-2.60	-0.0010	>=-2.5 & <=2.5	Pass			
CP-OFDM 64 QAM	2592.99	Outer_Full	20	LV	-2.70	-0.0010	>=-2.5 & <=2.5	Pass
				HV	-0.60	-0.0002	>=-2.5 & <=2.5	Pass
			-30	NV	-4.10	-0.0016	>=-2.5 & <=2.5	Pass
			-20	NV	-2.60	-0.0010	>=-2.5 & <=2.5	Pass
			-10	NV	-2.80	-0.0011	>=-2.5 & <=2.5	Pass
			0	NV	-2.50	-0.0010	>=-2.5 & <=2.5	Pass
			10	NV	-3.20	-0.0012	>=-2.5 & <=2.5	Pass
			20	NV	-3.60	-0.0014	>=-2.5 & <=2.5	Pass
			30	NV	-2.80	-0.0011	>=-2.5 & <=2.5	Pass
			40	NV	-2.20	-0.0008	>=-2.5 & <=2.5	Pass
			50	NV	-1.50	-0.0006	>=-2.5 & <=2.5	Pass
CP-OFDM 256 QAM	2592.99	Outer_Full	20	LV	-3.00	-0.0012	>=-2.5 & <=2.5	Pass
				HV	-1.80	-0.0007	>=-2.5 & <=2.5	Pass
			-30	NV	-3.70	-0.0014	>=-2.5 & <=2.5	Pass
			-20	NV	-3.80	-0.0015	>=-2.5 & <=2.5	Pass
			-10	NV	-2.00	-0.0008	>=-2.5 & <=2.5	Pass
			0	NV	-1.60	-0.0006	>=-2.5 & <=2.5	Pass
			10	NV	0.60	0.0002	>=-2.5 & <=2.5	Pass
			20	NV	-3.10	-0.0012	>=-2.5 & <=2.5	Pass
			30	NV	-0.90	-0.0003	>=-2.5 & <=2.5	Pass
			40	NV	-2.90	-0.0011	>=-2.5 & <=2.5	Pass
			50	NV	1.50	0.0006	>=-2.5 & <=2.5	Pass

2.1.14 30k_SISO_100MHz

5G NR n41 SCS=30kHz SISO 100MHz								
Modulation	Frequency (MHz)	RB Allocation	Temp. (°C)	Volt.	Freq. Error (Hz)	Freq. vs. rated (ppm)		Verdict
						Result	Limit	
DFT-s-OFDM QPSK	2592.99	Outer_Full	20	LV	-12.30	-0.0047	>=-2.5 & <=2.5	Pass
				HV	-4.00	-0.0015	>=-2.5 & <=2.5	Pass
			-30	NV	-6.00	-0.0023	>=-2.5 & <=2.5	Pass
			-20	NV	-5.30	-0.0020	>=-2.5 & <=2.5	Pass
			-10	NV	-6.60	-0.0025	>=-2.5 & <=2.5	Pass
			0	NV	-6.60	-0.0025	>=-2.5 & <=2.5	Pass
			10	NV	-5.60	-0.0022	>=-2.5 & <=2.5	Pass
			20	NV	-7.10	-0.0027	>=-2.5 & <=2.5	Pass
			30	NV	-8.30	-0.0032	>=-2.5 & <=2.5	Pass
			40	NV	-4.30	-0.0017	>=-2.5 & <=2.5	Pass
			50	NV	-7.10	-0.0027	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 16 QAM	2592.99	Outer_Full	20	LV	-4.20	-0.0016	>=-2.5 & <=2.5	Pass
				HV	-4.30	-0.0017	>=-2.5 & <=2.5	Pass
			-30	NV	-6.80	-0.0026	>=-2.5 & <=2.5	Pass
			-20	NV	-4.20	-0.0016	>=-2.5 & <=2.5	Pass
			-10	NV	-6.40	-0.0025	>=-2.5 & <=2.5	Pass
0	NV	-4.10	-0.0016	>=-2.5 & <=2.5	Pass			

			10	NV	-7.30	-0.0028	>=-2.5 & <=2.5	Pass
			20	NV	-10.70	-0.0041	>=-2.5 & <=2.5	Pass
			30	NV	-5.80	-0.0022	>=-2.5 & <=2.5	Pass
			40	NV	-4.90	-0.0019	>=-2.5 & <=2.5	Pass
			50	NV	-8.20	-0.0032	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 64 QAM	2592.99	Outer_Full	20	LV	-3.40	-0.0013	>=-2.5 & <=2.5	Pass
				HV	-3.50	-0.0013	>=-2.5 & <=2.5	Pass
			-30	NV	-7.00	-0.0027	>=-2.5 & <=2.5	Pass
			-20	NV	-4.60	-0.0018	>=-2.5 & <=2.5	Pass
			-10	NV	-9.40	-0.0036	>=-2.5 & <=2.5	Pass
			0	NV	-7.10	-0.0027	>=-2.5 & <=2.5	Pass
			10	NV	-7.30	-0.0028	>=-2.5 & <=2.5	Pass
			20	NV	-10.10	-0.0039	>=-2.5 & <=2.5	Pass
			30	NV	-5.20	-0.0020	>=-2.5 & <=2.5	Pass
			40	NV	-4.50	-0.0017	>=-2.5 & <=2.5	Pass
			50	NV	-8.50	-0.0033	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 256 QAM	2592.99	Outer_Full	20	LV	-4.60	-0.0018	>=-2.5 & <=2.5	Pass
				HV	-4.20	-0.0016	>=-2.5 & <=2.5	Pass
			-30	NV	-2.60	-0.0010	>=-2.5 & <=2.5	Pass
			-20	NV	1.60	0.0006	>=-2.5 & <=2.5	Pass
			-10	NV	-4.30	-0.0017	>=-2.5 & <=2.5	Pass
			0	NV	-3.60	-0.0014	>=-2.5 & <=2.5	Pass
			10	NV	1.30	0.0005	>=-2.5 & <=2.5	Pass
			20	NV	-3.40	-0.0013	>=-2.5 & <=2.5	Pass
			30	NV	3.80	0.0015	>=-2.5 & <=2.5	Pass
			40	NV	-2.30	-0.0009	>=-2.5 & <=2.5	Pass
			50	NV	3.40	0.0013	>=-2.5 & <=2.5	Pass
CP-OFDM QPSK	2592.99	Outer_Full	20	LV	-3.10	-0.0012	>=-2.5 & <=2.5	Pass
				HV	-3.20	-0.0012	>=-2.5 & <=2.5	Pass
			-30	NV	-5.00	-0.0019	>=-2.5 & <=2.5	Pass
			-20	NV	-2.10	-0.0008	>=-2.5 & <=2.5	Pass
			-10	NV	-3.40	-0.0013	>=-2.5 & <=2.5	Pass
			0	NV	-3.40	-0.0013	>=-2.5 & <=2.5	Pass
			10	NV	-4.70	-0.0018	>=-2.5 & <=2.5	Pass
			20	NV	-4.00	-0.0015	>=-2.5 & <=2.5	Pass
			30	NV	-0.60	-0.0002	>=-2.5 & <=2.5	Pass
			40	NV	-4.80	-0.0019	>=-2.5 & <=2.5	Pass
			50	NV	0.50	0.0002	>=-2.5 & <=2.5	Pass
CP-OFDM 16 QAM	2592.99	Outer_Full	20	LV	-3.60	-0.0014	>=-2.5 & <=2.5	Pass
				HV	-2.10	-0.0008	>=-2.5 & <=2.5	Pass
			-30	NV	-3.40	-0.0013	>=-2.5 & <=2.5	Pass
			-20	NV	1.70	0.0007	>=-2.5 & <=2.5	Pass
			-10	NV	-1.80	-0.0007	>=-2.5 & <=2.5	Pass
			0	NV	-5.00	-0.0019	>=-2.5 & <=2.5	Pass
			10	NV	-6.20	-0.0024	>=-2.5 & <=2.5	Pass
			20	NV	-2.10	-0.0008	>=-2.5 & <=2.5	Pass
			30	NV	-2.20	-0.0008	>=-2.5 & <=2.5	Pass
			40	NV	-2.60	-0.0010	>=-2.5 & <=2.5	Pass
			50	NV	-1.90	-0.0007	>=-2.5 & <=2.5	Pass
CP-OFDM 64 QAM	2592.99	Outer_Full	20	LV	-1.60	-0.0006	>=-2.5 & <=2.5	Pass
				HV	-2.70	-0.0010	>=-2.5 & <=2.5	Pass
			-30	NV	-5.20	-0.0020	>=-2.5 & <=2.5	Pass
			-20	NV	-3.20	-0.0012	>=-2.5 & <=2.5	Pass
			-10	NV	-2.90	-0.0011	>=-2.5 & <=2.5	Pass
			0	NV	-4.40	-0.0017	>=-2.5 & <=2.5	Pass
			10	NV	-4.60	-0.0018	>=-2.5 & <=2.5	Pass
			20	NV	-5.40	-0.0021	>=-2.5 & <=2.5	Pass
			30	NV	-3.10	-0.0012	>=-2.5 & <=2.5	Pass
40	NV	-0.90	-0.0003	>=-2.5 & <=2.5	Pass			

CP-OFDM 256 QAM	2592.99	Outer_Full	50	NV	1.10	0.0004	>=-2.5 & <=2.5	Pass
			20	LV	-2.90	-0.0011	>=-2.5 & <=2.5	Pass
				HV	-1.80	-0.0007	>=-2.5 & <=2.5	Pass
			-30	NV	-4.20	-0.0016	>=-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	-3.50	-0.0013	>=-2.5 & <=2.5	Pass
			10	NV	-2.50	-0.0010	>=-2.5 & <=2.5	Pass
			20	NV	-3.60	-0.0014	>=-2.5 & <=2.5	Pass
			30	NV	-0.80	-0.0003	>=-2.5 & <=2.5	Pass
			40	NV	-5.00	-0.0019	>=-2.5 & <=2.5	Pass
			50	NV	-5.50	-0.0021	>=-2.5 & <=2.5	Pass

3. Modulation Characteristics

3.1 Test Result

3.1.1 15k_SISO_50MHz_NTNV

5G NR n41 SCS=15kHz SISO 50MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Modulation Characteristics				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	2593.005	Outer_Full	Refer To Test Graph				Pass
DFT-s-OFDM 16 QAM	2593.005	Outer_Full	Refer To Test Graph				Pass
DFT-s-OFDM 64 QAM	2593.005	Outer_Full	Refer To Test Graph				Pass
DFT-s-OFDM 256 QAM	2593.005	Outer_Full	Refer To Test Graph				Pass
CP-OFDM QPSK	2593.005	Outer_Full	Refer To Test Graph				Pass
CP-OFDM 16 QAM	2593.005	Outer_Full	Refer To Test Graph				Pass
CP-OFDM 64 QAM	2593.005	Outer_Full	Refer To Test Graph				Pass
CP-OFDM 256 QAM	2593.005	Outer_Full	Refer To Test Graph				Pass

3.1.2 30k_SISO_100MHz_NTNV

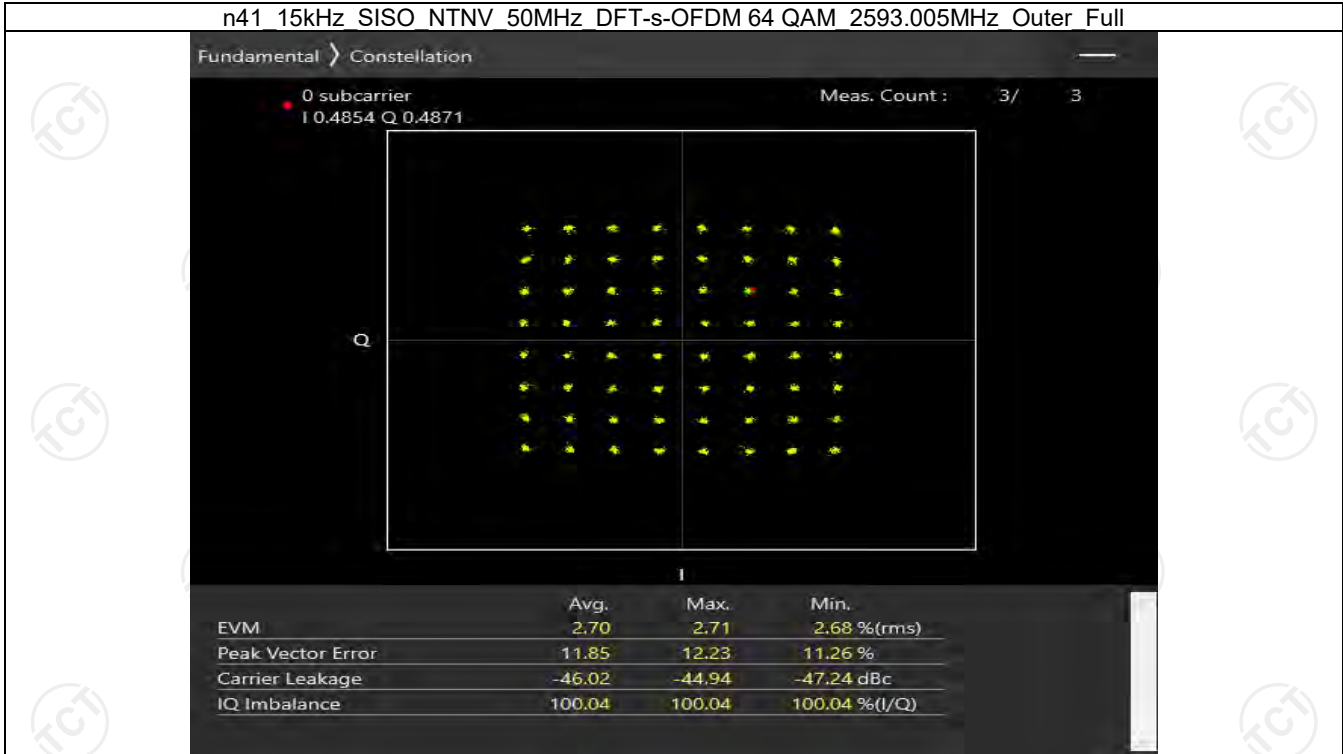
5G NR n41 SCS=30kHz SISO 100MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Modulation Characteristics				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	2592.99	Outer_Full	Refer To Test Graph				Pass
DFT-s-OFDM 16 QAM	2592.99	Outer_Full	Refer To Test Graph				Pass
DFT-s-OFDM 64 QAM	2592.99	Outer_Full	Refer To Test Graph				Pass
DFT-s-OFDM 256 QAM	2592.99	Outer_Full	Refer To Test Graph				Pass
CP-OFDM QPSK	2592.99	Outer_Full	Refer To Test Graph				Pass
CP-OFDM 16 QAM	2592.99	Outer_Full	Refer To Test Graph				Pass
CP-OFDM 64 QAM	2592.99	Outer_Full	Refer To Test Graph				Pass
CP-OFDM 256 QAM	2592.99	Outer_Full	Refer To Test Graph				Pass

3.2 Test Graph

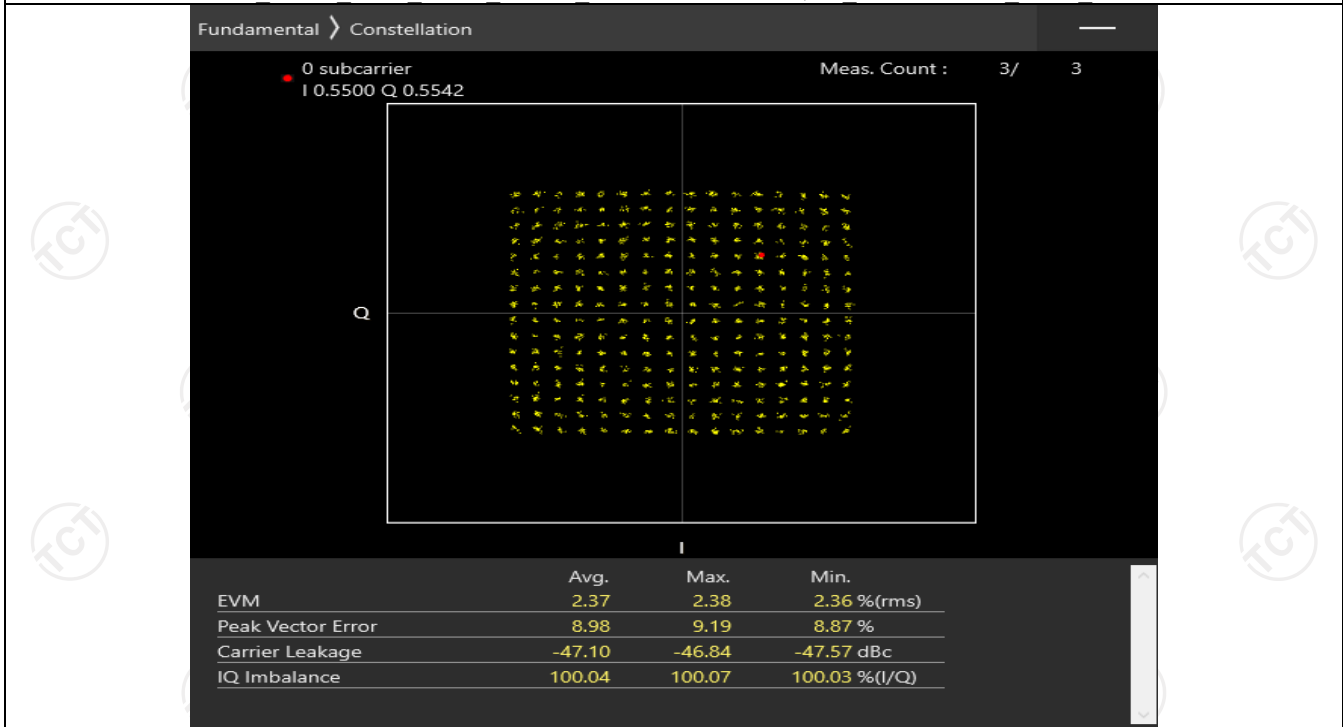
3.2.1 15k_SISO_50MHz_NTNV



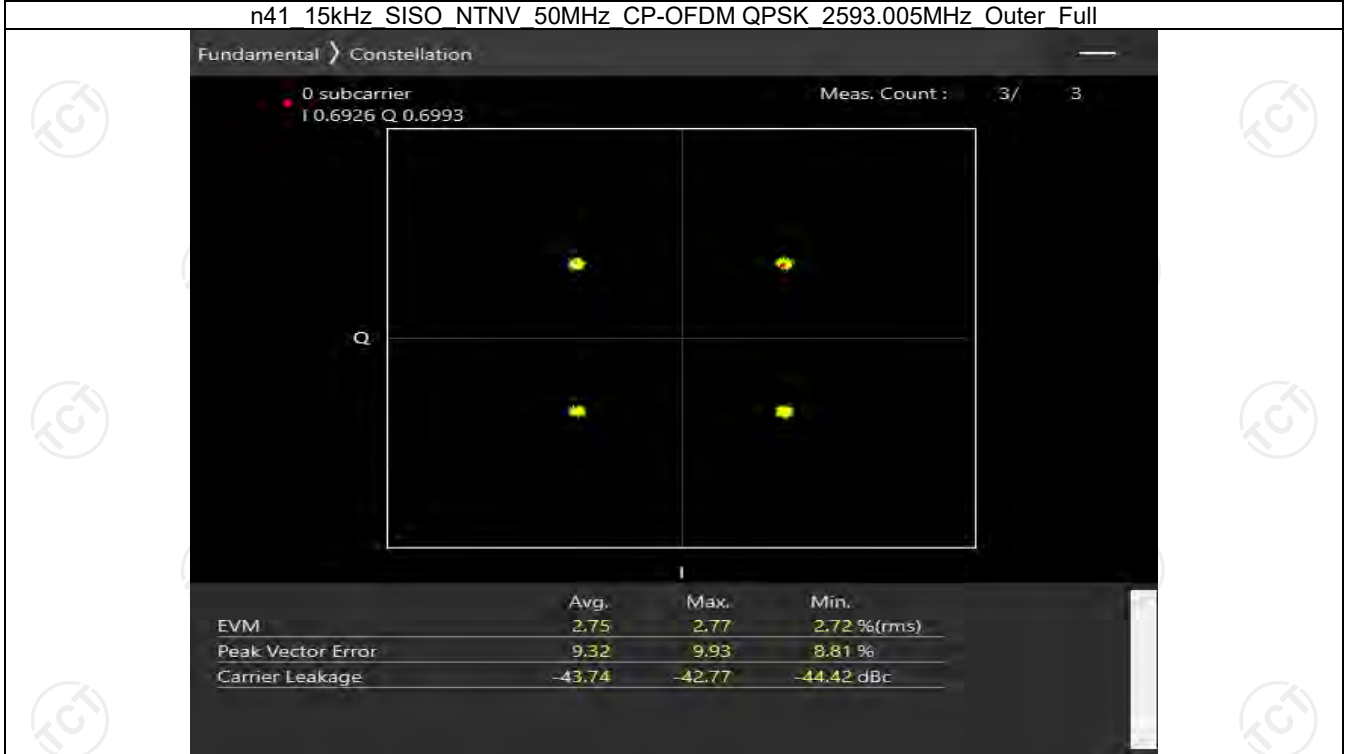
n41 15kHz SISO NTN 50MHz DFT-s-OFDM 64 QAM 2593.005MHz Outer Full



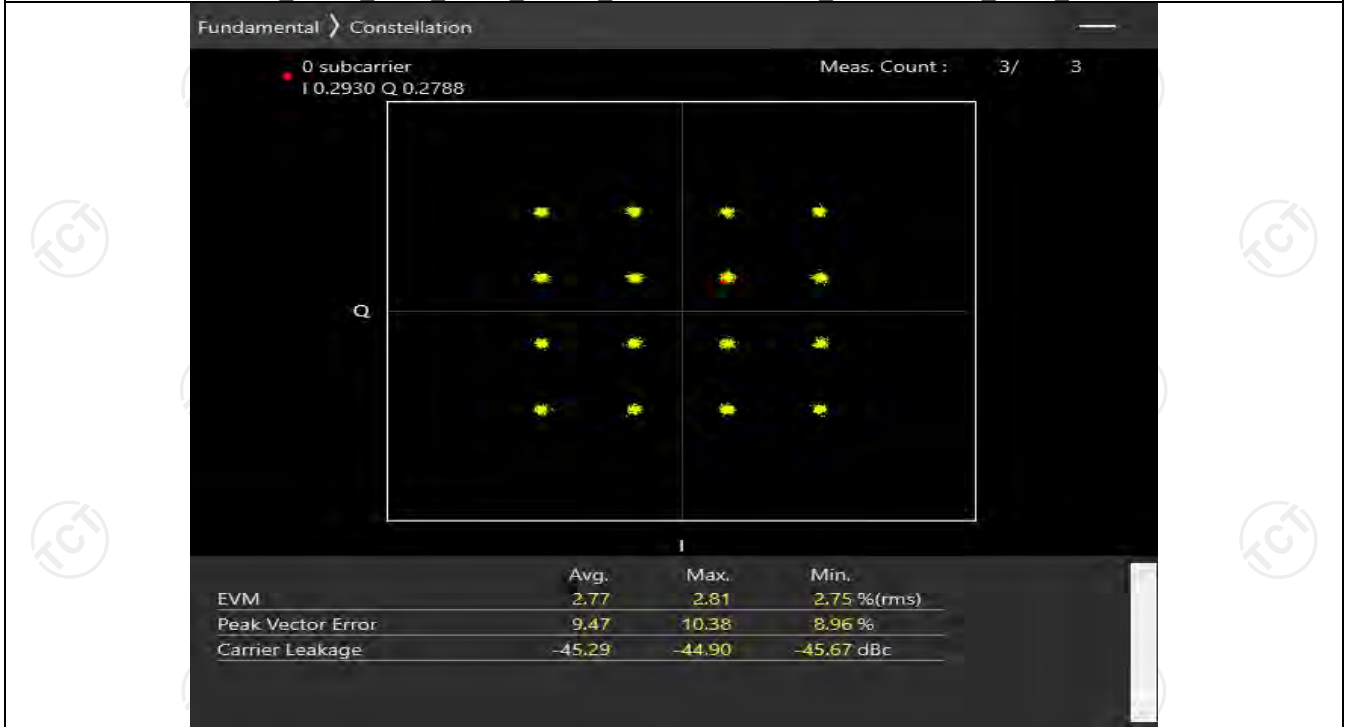
n41 15kHz SISO NTN 50MHz DFT-s-OFDM 256 QAM 2593.005MHz Outer Full



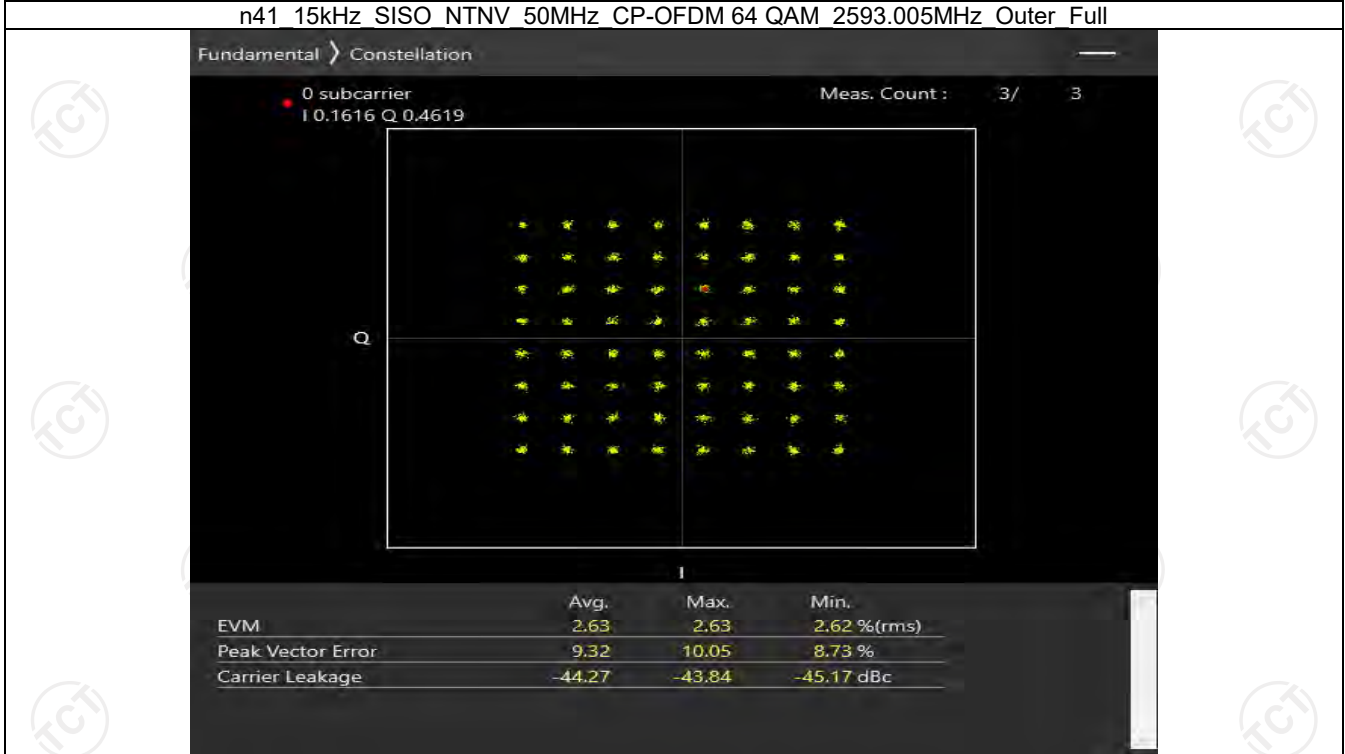
n41 15kHz SISO NTN 50MHz CP-OFDM QPSK 2593.005MHz Outer Full



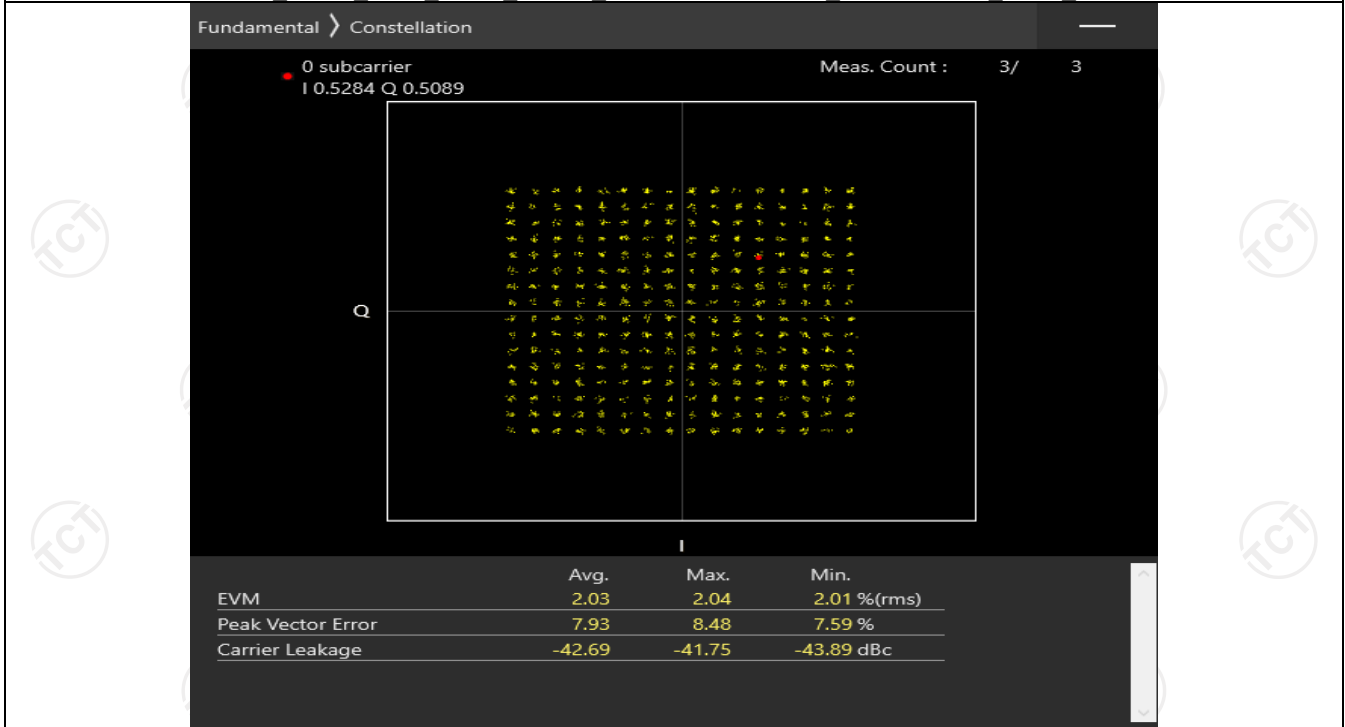
n41 15kHz SISO NTN 50MHz CP-OFDM 16 QAM 2593.005MHz Outer Full



n41 15kHz SISO NTN 50MHz CP-OFDM 64 QAM 2593.005MHz Outer Full



n41 15kHz SISO NTN 50MHz CP-OFDM 256 QAM 2593.005MHz Outer Full

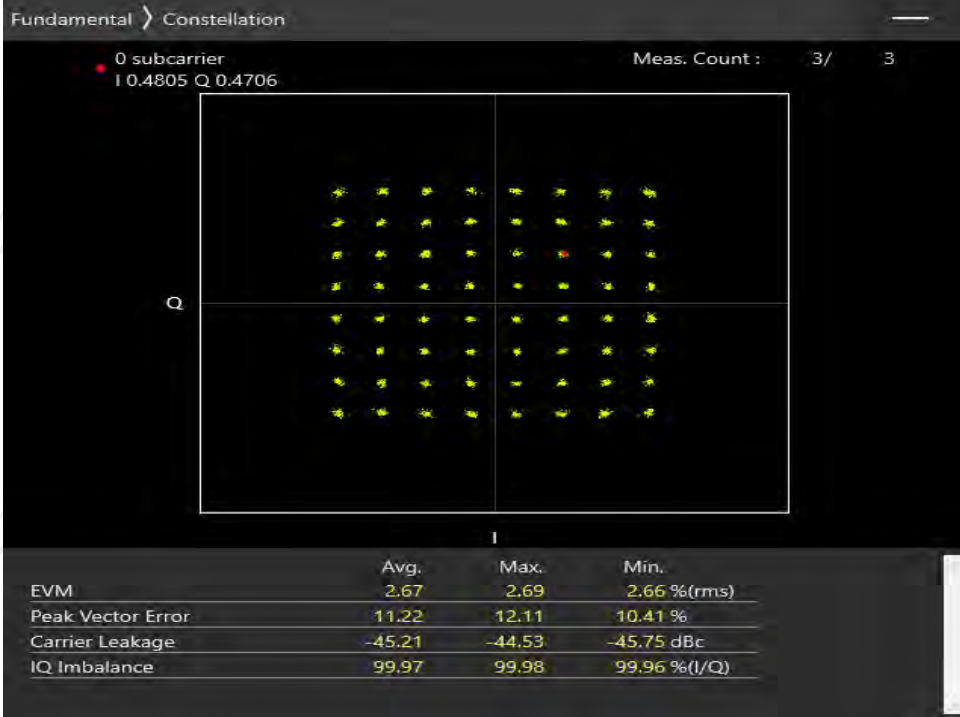


3.2.2 30k_SISO_100MHz_NTNV

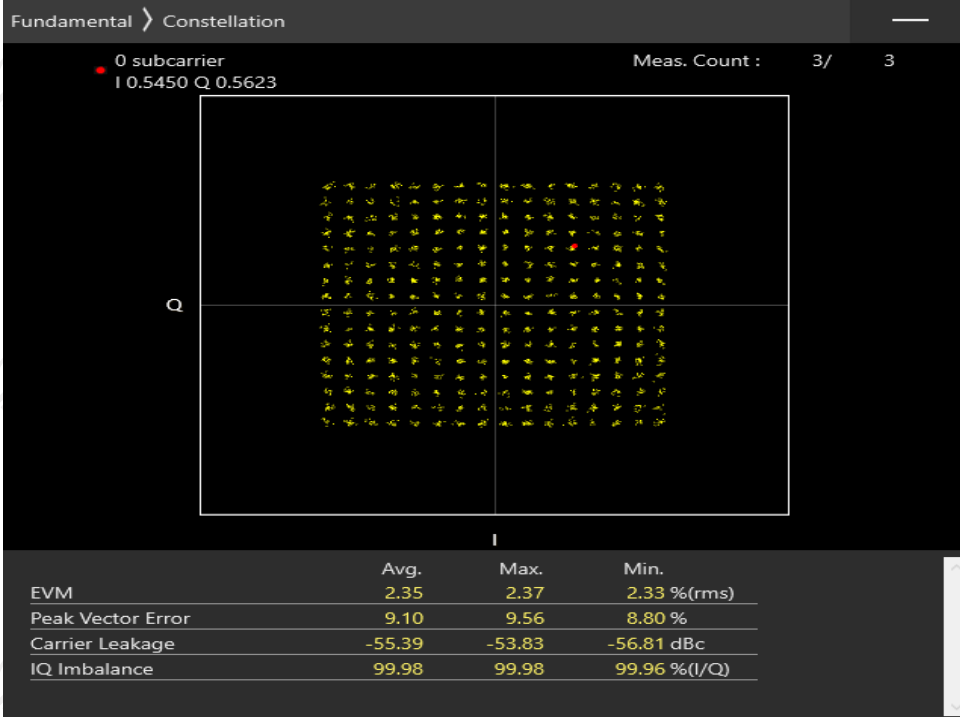
n41_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM_QPSK_2592.99MHz_Outer_Full

n41_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM_16_QAM_2592.99MHz_Outer_Full

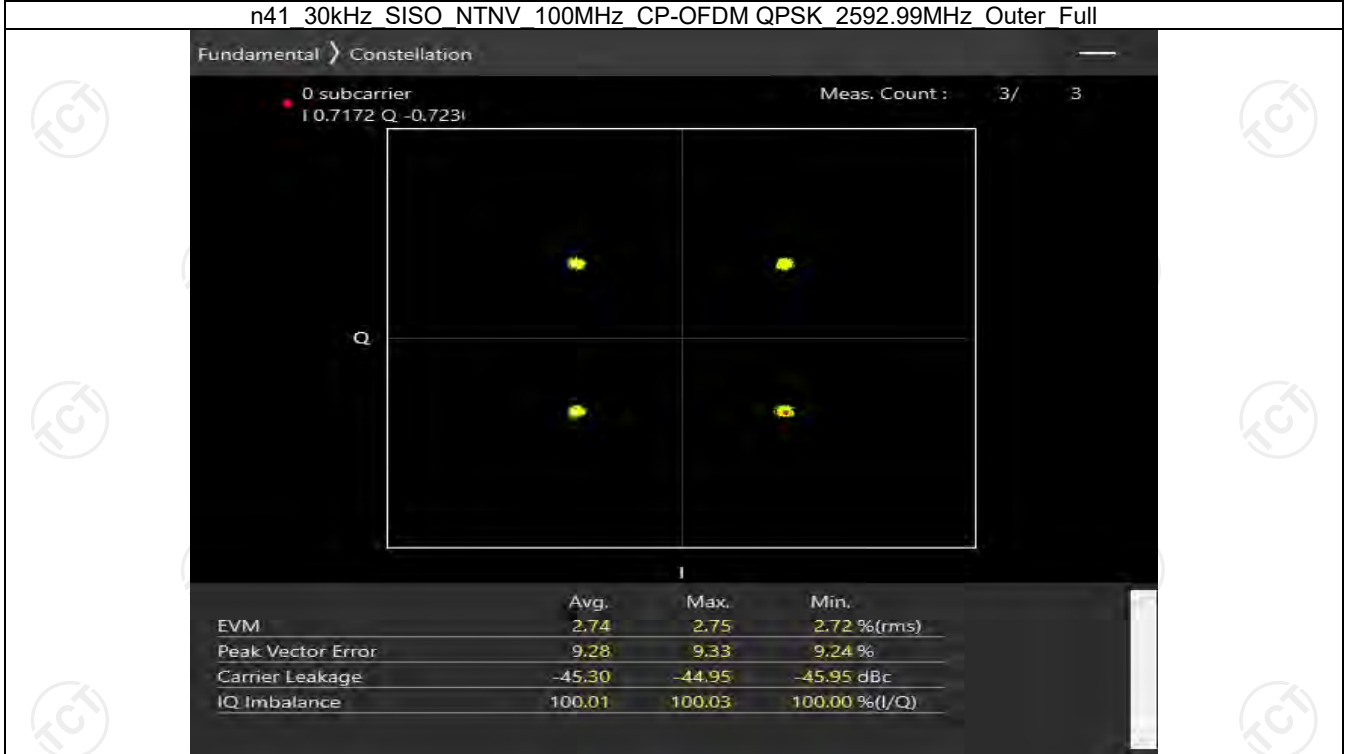
n41 30kHz SISO NTN 100MHz DFT-s-OFDM 64 QAM 2592.99MHz Outer Full



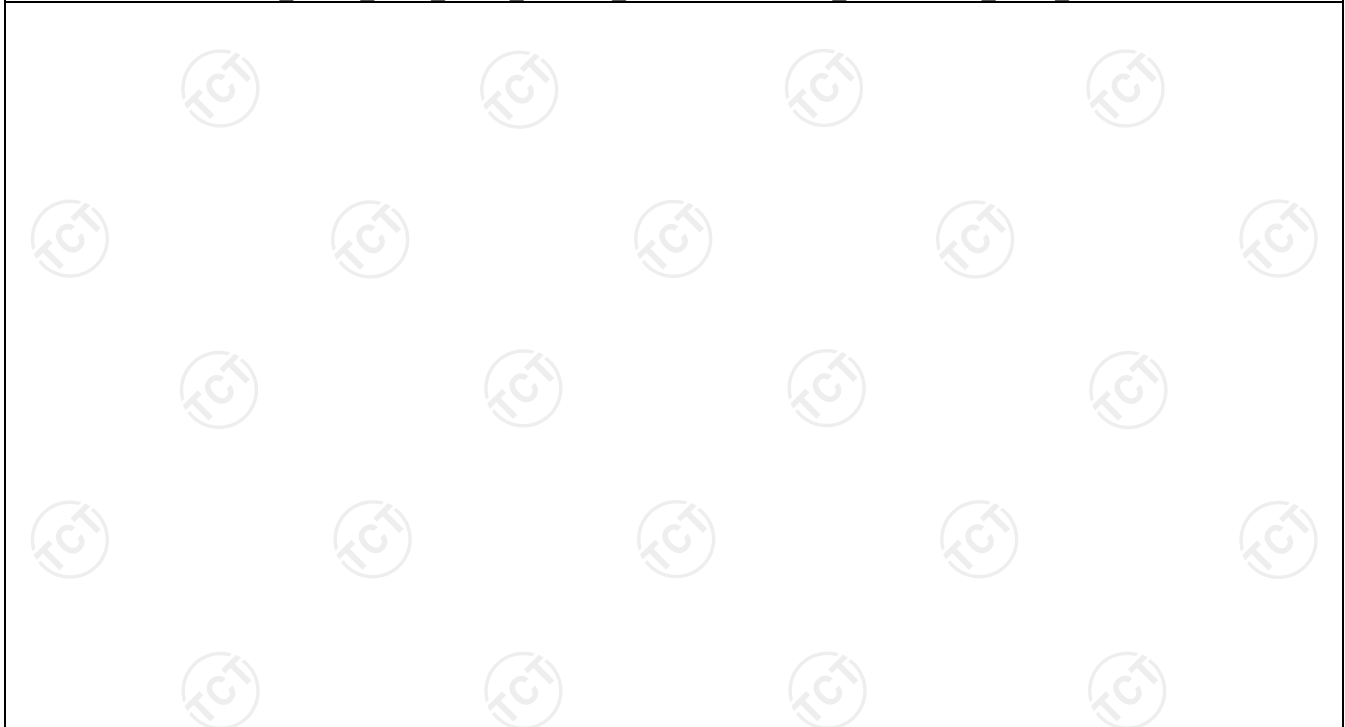
n41 30kHz SISO NTN 100MHz DFT-s-OFDM 256 QAM 2592.99MHz Outer Full



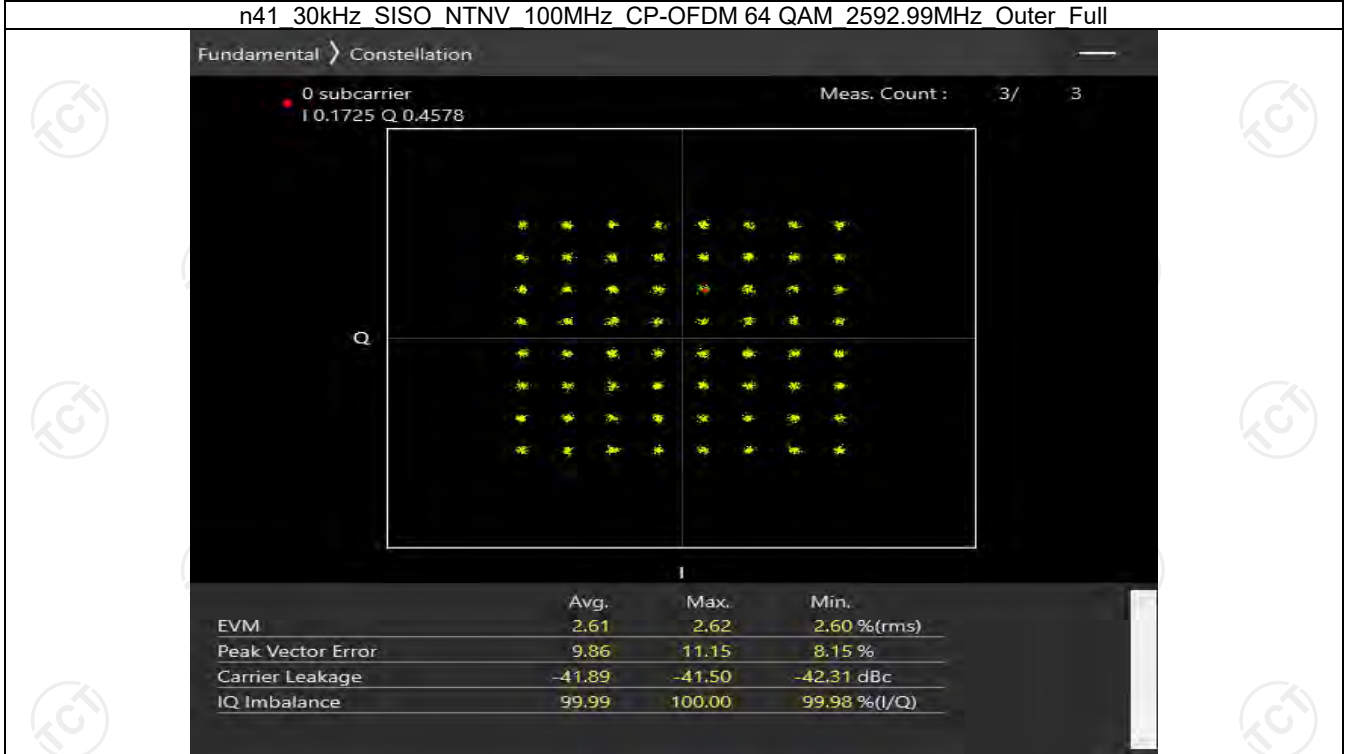
n41 30kHz SISO NTN 100MHz CP-OFDM QPSK 2592.99MHz Outer Full



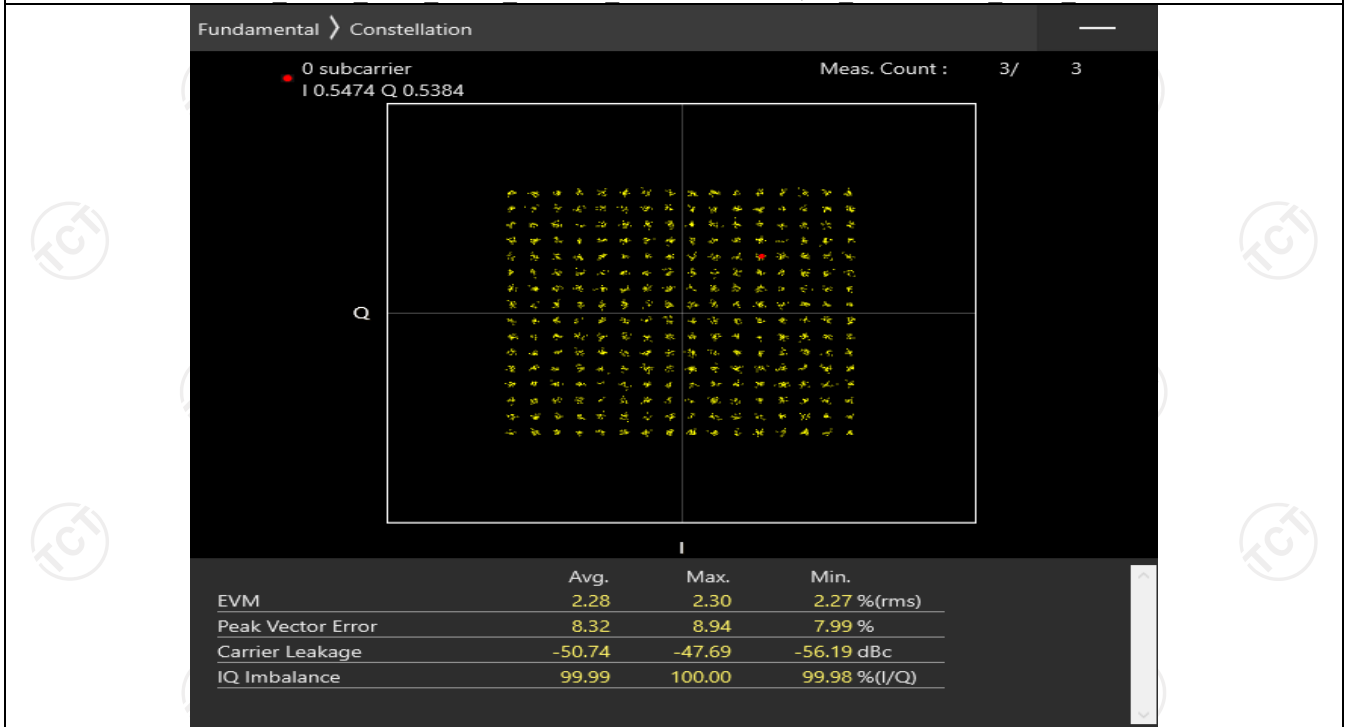
n41 30kHz SISO NTN 100MHz CP-OFDM 16 QAM 2592.99MHz Outer Full



n41 30kHz SISO NTN 100MHz CP-OFDM 64 QAM 2592.99MHz Outer Full



n41 30kHz SISO NTN 100MHz CP-OFDM 256 QAM 2592.99MHz Outer Full



4. 99% & 26dB Bandwidth

4.1 Test Result

4.1.1 15k_SISO_10MHz_NTNV

5G NR n41 SCS=15kHz SISO 10MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM QPSK	2501.01	Outer_Full	9.10	10.09	/	Pass
	2593.005	Outer_Full	9.08	9.91	/	Pass
	2685	Outer_Full	9.16	14.41	/	Pass
DFT-s-OFDM 16 QAM	2501.01	Outer_Full	9.09	9.96	/	Pass
	2593.005	Outer_Full	9.09	9.79	/	Pass
	2685	Outer_Full	9.11	10.90	/	Pass
DFT-s-OFDM 64 QAM	2501.01	Outer_Full	9.12	9.81	/	Pass
	2593.005	Outer_Full	9.11	9.69	/	Pass
	2685	Outer_Full	9.13	9.90	/	Pass
DFT-s-OFDM 256 QAM	2501.01	Outer_Full	9.07	9.94	/	Pass
	2593.005	Outer_Full	9.05	9.79	/	Pass
	2685	Outer_Full	9.11	9.91	/	Pass
CP-OFDM QPSK	2501.01	Outer_Full	9.61	19.16	/	Pass
	2593.005	Outer_Full	9.42	11.26	/	Pass
	2685	Outer_Full	11.31	21.16	/	Pass
CP-OFDM 16 QAM	2501.01	Outer_Full	9.42	10.19	/	Pass
	2593.005	Outer_Full	9.39	10.15	/	Pass
	2685	Outer_Full	9.49	15.20	/	Pass
CP-OFDM 64 QAM	2501.01	Outer_Full	9.46	11.68	/	Pass
	2593.005	Outer_Full	9.45	10.33	/	Pass
	2685	Outer_Full	9.48	14.11	/	Pass
CP-OFDM 256 QAM	2501.01	Outer_Full	9.41	10.30	/	Pass
	2593.005	Outer_Full	9.42	10.35	/	Pass
	2685	Outer_Full	9.40	10.49	/	Pass

4.1.2 15k_SISO_15MHz_NTNV

5G NR n41 SCS=15kHz SISO 15MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM QPSK	2503.5	Outer_Full	13.69	14.94	/	Pass
	2593.005	Outer_Full	13.66	14.94	/	Pass
	2682.495	Outer_Full	13.71	15.36	/	Pass
DFT-s-OFDM 16 QAM	2503.5	Outer_Full	13.62	14.82	/	Pass
	2593.005	Outer_Full	13.64	14.81	/	Pass
	2682.495	Outer_Full	13.68	14.93	/	Pass
DFT-s-OFDM 64 QAM	2503.5	Outer_Full	13.65	14.86	/	Pass
	2593.005	Outer_Full	13.62	14.80	/	Pass
	2682.495	Outer_Full	13.66	14.89	/	Pass
DFT-s-OFDM 256 QAM	2503.5	Outer_Full	13.63	14.88	/	Pass
	2593.005	Outer_Full	13.65	14.99	/	Pass
	2682.495	Outer_Full	13.68	14.86	/	Pass
CP-OFDM QPSK	2503.5	Outer_Full	14.65	30.99	/	Pass
	2593.005	Outer_Full	14.29	15.40	/	Pass
	2682.495	Outer_Full	14.38	22.03	/	Pass

CP-OFDM 16 QAM	2503.5	Outer Full	14.35	17.35	/	Pass
	2593.005	Outer Full	14.29	15.32	/	Pass
	2682.495	Outer Full	14.47	22.77	/	Pass
CP-OFDM 64 QAM	2503.5	Outer Full	14.32	15.86	/	Pass
	2593.005	Outer Full	14.31	15.89	/	Pass
	2682.495	Outer Full	14.41	16.98	/	Pass
CP-OFDM 256 QAM	2503.5	Outer Full	14.29	15.41	/	Pass
	2593.005	Outer Full	14.35	15.53	/	Pass
	2682.495	Outer Full	14.35	15.63	/	Pass

4.1.3 15k_SISO_20MHz_NTNV

5G NR n41 SCS=15kHz SISO 20MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM QPSK	2506.005	Outer Full	18.13	19.60	/	Pass
	2593.005	Outer Full	18.16	19.49	/	Pass
	2679.99	Outer Full	18.23	19.62	/	Pass
DFT-s-OFDM 16 QAM	2506.005	Outer Full	18.17	19.43	/	Pass
	2593.005	Outer Full	18.18	19.59	/	Pass
	2679.99	Outer Full	18.19	19.71	/	Pass
DFT-s-OFDM 64 QAM	2506.005	Outer Full	18.22	19.57	/	Pass
	2593.005	Outer Full	18.19	20.17	/	Pass
	2679.99	Outer Full	18.19	19.75	/	Pass
DFT-s-OFDM 256 QAM	2506.005	Outer Full	18.13	19.60	/	Pass
	2593.005	Outer Full	18.12	19.73	/	Pass
	2679.99	Outer Full	18.16	19.46	/	Pass
CP-OFDM QPSK	2506.005	Outer Full	19.25	25.79	/	Pass
	2593.005	Outer Full	19.16	20.51	/	Pass
	2679.99	Outer Full	19.33	32.81	/	Pass
CP-OFDM 16 QAM	2506.005	Outer Full	19.23	23.72	/	Pass
	2593.005	Outer Full	19.18	20.44	/	Pass
	2679.99	Outer Full	19.34	24.81	/	Pass
CP-OFDM 64 QAM	2506.005	Outer Full	19.23	22.68	/	Pass
	2593.005	Outer Full	19.18	20.81	/	Pass
	2679.99	Outer Full	19.31	29.11	/	Pass
CP-OFDM 256 QAM	2506.005	Outer Full	19.11	20.48	/	Pass
	2593.005	Outer Full	19.14	20.54	/	Pass
	2679.99	Outer Full	19.14	20.50	/	Pass

4.1.4 15k_SISO_40MHz_NTNV

5G NR n41 SCS=15kHz SISO 40MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM QPSK	2516.01	Outer Full	39.06	41.61	/	Pass
	2593.005	Outer Full	39.15	41.65	/	Pass
	2670	Outer Full	39.10	41.68	/	Pass
DFT-s-OFDM 16 QAM	2516.01	Outer Full	38.95	41.52	/	Pass
	2593.005	Outer Full	39.03	41.53	/	Pass
	2670	Outer Full	39.09	41.53	/	Pass
DFT-s-OFDM 64 QAM	2516.01	Outer Full	39.15	41.54	/	Pass
	2593.005	Outer Full	39.13	41.52	/	Pass
	2670	Outer Full	39.09	41.60	/	Pass
DFT-s-OFDM 256 QAM	2516.01	Outer Full	39.01	41.42	/	Pass
	2593.005	Outer Full	39.02	41.57	/	Pass

CP-OFDM QPSK	2670	Outer Full	39.04	41.55	/	Pass
	2516.01	Outer Full	39.08	50.49	/	Pass
	2593.005	Outer Full	39.04	41.55	/	Pass
CP-OFDM 16 QAM	2670	Outer Full	39.20	58.76	/	Pass
	2516.01	Outer Full	39.02	46.04	/	Pass
	2593.005	Outer Full	38.99	41.51	/	Pass
CP-OFDM 64 QAM	2670	Outer Full	39.12	43.56	/	Pass
	2516.01	Outer Full	39.00	41.60	/	Pass
	2593.005	Outer Full	39.03	41.49	/	Pass
CP-OFDM 256 QAM	2670	Outer Full	39.14	42.50	/	Pass
	2516.01	Outer Full	38.96	41.51	/	Pass
	2593.005	Outer Full	39.11	41.60	/	Pass
	2670	Outer Full	39.04	41.53	/	Pass

4.1.5 15k_SISO_50MHz_NTNV

5G NR n41 SCS=15kHz SISO 50MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM QPSK	2521.005	Outer Full	48.64	51.79	/	Pass
	2593.005	Outer Full	48.70	51.81	/	Pass
	2664.99	Outer Full	48.73	51.98	/	Pass
DFT-s-OFDM 16 QAM	2521.005	Outer Full	48.50	51.59	/	Pass
	2593.005	Outer Full	48.60	51.92	/	Pass
	2664.99	Outer Full	48.62	51.79	/	Pass
DFT-s-OFDM 64 QAM	2521.005	Outer Full	48.52	51.75	/	Pass
	2593.005	Outer Full	48.73	51.88	/	Pass
	2664.99	Outer Full	48.70	52.11	/	Pass
DFT-s-OFDM 256 QAM	2521.005	Outer Full	48.52	51.66	/	Pass
	2593.005	Outer Full	48.58	51.75	/	Pass
	2664.99	Outer Full	48.64	51.67	/	Pass
CP-OFDM QPSK	2521.005	Outer Full	43.79	51.00	/	Pass
	2593.005	Outer Full	43.79	46.75	/	Pass
	2664.99	Outer Full	44.16	55.32	/	Pass
CP-OFDM 16 QAM	2521.005	Outer Full	43.84	50.69	/	Pass
	2593.005	Outer Full	43.85	46.84	/	Pass
	2664.99	Outer Full	43.95	50.08	/	Pass
CP-OFDM 64 QAM	2521.005	Outer Full	43.74	49.63	/	Pass
	2593.005	Outer Full	43.79	46.83	/	Pass
	2664.99	Outer Full	44.03	55.03	/	Pass
CP-OFDM 256 QAM	2521.005	Outer Full	43.62	46.58	/	Pass
	2593.005	Outer Full	43.79	46.80	/	Pass
	2664.99	Outer Full	43.73	46.92	/	Pass

4.1.6 30k_SISO_10MHz_NTNV

5G NR n41 SCS=30kHz SISO 10MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM QPSK	2501.01	Outer Full	8.92	10.01	/	Pass
	2592.99	Outer Full	8.86	9.62	/	Pass
	2685	Outer Full	8.90	9.95	/	Pass
DFT-s-OFDM 16 QAM	2501.01	Outer Full	8.88	9.71	/	Pass
	2592.99	Outer Full	8.93	9.90	/	Pass
	2685	Outer Full	8.89	9.89	/	Pass
DFT-s-OFDM 64 QAM	2501.01	Outer Full	8.94	9.87	/	Pass

	2592.99	Outer Full	8.93	9.86	/	Pass
	2685	Outer Full	8.95	9.89	/	Pass
DFT-s-OFDM 256 QAM	2501.01	Outer Full	8.99	9.82	/	Pass
	2592.99	Outer Full	8.85	9.44	/	Pass
	2685	Outer Full	9.03	9.92	/	Pass
CP-OFDM QPSK	2501.01	Outer Full	8.97	9.79	/	Pass
	2592.99	Outer Full	8.93	9.85	/	Pass
	2685	Outer Full	8.89	9.88	/	Pass
CP-OFDM 16 QAM	2501.01	Outer Full	8.89	9.71	/	Pass
	2592.99	Outer Full	8.82	9.74	/	Pass
	2685	Outer Full	8.94	9.31	/	Pass
CP-OFDM 64 QAM	2501.01	Outer Full	8.90	9.59	/	Pass
	2592.99	Outer Full	8.90	9.65	/	Pass
	2685	Outer Full	8.95	9.87	/	Pass
CP-OFDM 256 QAM	2501.01	Outer Full	8.93	9.68	/	Pass
	2592.99	Outer Full	8.91	9.62	/	Pass
	2685	Outer Full	8.99	9.78	/	Pass

4.1.7 30k_SISO_15MHz_NTNV

5G NR n41 SCS=30kHz SISO 15MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM QPSK	2503.5	Outer Full	13.35	14.44	/	Pass
	2592.99	Outer Full	13.35	14.69	/	Pass
	2682.48	Outer Full	13.42	14.84	/	Pass
DFT-s-OFDM 16 QAM	2503.5	Outer Full	13.34	14.62	/	Pass
	2592.99	Outer Full	13.30	14.19	/	Pass
	2682.48	Outer Full	13.39	14.86	/	Pass
DFT-s-OFDM 64 QAM	2503.5	Outer Full	13.32	14.37	/	Pass
	2592.99	Outer Full	13.39	14.80	/	Pass
	2682.48	Outer Full	13.51	14.62	/	Pass
DFT-s-OFDM 256 QAM	2503.5	Outer Full	13.34	14.36	/	Pass
	2592.99	Outer Full	13.33	14.23	/	Pass
	2682.48	Outer Full	13.46	14.62	/	Pass
CP-OFDM QPSK	2503.5	Outer Full	13.78	16.26	/	Pass
	2592.99	Outer Full	14.04	15.25	/	Pass
	2682.48	Outer Full	14.11	15.34	/	Pass
CP-OFDM 16 QAM	2503.5	Outer Full	14.06	14.95	/	Pass
	2592.99	Outer Full	13.91	15.14	/	Pass
	2682.48	Outer Full	14.08	14.73	/	Pass
CP-OFDM 64 QAM	2503.5	Outer Full	14.09	15.08	/	Pass
	2592.99	Outer Full	14.01	14.93	/	Pass
	2682.48	Outer Full	14.20	15.40	/	Pass
CP-OFDM 256 QAM	2503.5	Outer Full	14.10	15.20	/	Pass
	2592.99	Outer Full	13.96	14.75	/	Pass
	2682.48	Outer Full	14.10	15.22	/	Pass

4.1.8 30k_SISO_20MHz_NTNV

5G NR n41 SCS=30kHz SISO 20MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM QPSK	2506.02	Outer Full	18.45	19.50	/	Pass
	2592.99	Outer Full	18.50	19.58	/	Pass
	2679.99	Outer Full	18.60	20.08	/	Pass

DFT-s-OFDM 16 QAM	2506.02	Outer Full	18.50	19.79	/	Pass
	2592.99	Outer Full	18.43	20.00	/	Pass
	2679.99	Outer Full	18.57	20.18	/	Pass
DFT-s-OFDM 64 QAM	2506.02	Outer Full	18.56	20.05	/	Pass
	2592.99	Outer Full	18.54	19.68	/	Pass
	2679.99	Outer Full	18.65	20.07	/	Pass
DFT-s-OFDM 256 QAM	2506.02	Outer Full	18.48	20.02	/	Pass
	2592.99	Outer Full	18.49	19.83	/	Pass
	2679.99	Outer Full	18.50	19.50	/	Pass
CP-OFDM QPSK	2506.02	Outer Full	18.88	20.26	/	Pass
	2592.99	Outer Full	18.84	20.52	/	Pass
	2679.99	Outer Full	18.91	20.22	/	Pass
CP-OFDM 16 QAM	2506.02	Outer Full	19.02	20.38	/	Pass
	2592.99	Outer Full	18.96	19.95	/	Pass
	2679.99	Outer Full	18.98	20.36	/	Pass
CP-OFDM 64 QAM	2506.02	Outer Full	18.89	20.07	/	Pass
	2592.99	Outer Full	18.88	20.16	/	Pass
	2679.99	Outer Full	18.99	20.45	/	Pass
CP-OFDM 256 QAM	2506.02	Outer Full	18.69	19.75	/	Pass
	2592.99	Outer Full	18.94	20.14	/	Pass
	2679.99	Outer Full	18.94	20.51	/	Pass

4.1.9 30k_SISO_40MHz_NTNV

5G NR n41 SCS=30kHz SISO 40MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM QPSK	2516.01	Outer Full	36.75	38.68	/	Pass
	2592.99	Outer Full	36.29	38.91	/	Pass
	2670	Outer Full	37.11	38.80	/	Pass
DFT-s-OFDM 16 QAM	2516.01	Outer Full	36.97	38.72	/	Pass
	2592.99	Outer Full	36.94	38.50	/	Pass
	2670	Outer Full	37.12	38.71	/	Pass
DFT-s-OFDM 64 QAM	2516.01	Outer Full	36.92	38.63	/	Pass
	2592.99	Outer Full	36.94	38.53	/	Pass
	2670	Outer Full	37.04	38.69	/	Pass
DFT-s-OFDM 256 QAM	2516.01	Outer Full	36.72	38.23	/	Pass
	2592.99	Outer Full	37.01	38.50	/	Pass
	2670	Outer Full	36.97	38.46	/	Pass
CP-OFDM QPSK	2516.01	Outer Full	38.88	40.59	/	Pass
	2592.99	Outer Full	39.02	40.57	/	Pass
	2670	Outer Full	39.33	40.80	/	Pass
CP-OFDM 16 QAM	2516.01	Outer Full	38.86	40.65	/	Pass
	2592.99	Outer Full	39.02	40.52	/	Pass
	2670	Outer Full	39.29	40.73	/	Pass
CP-OFDM 64 QAM	2516.01	Outer Full	38.74	40.38	/	Pass
	2592.99	Outer Full	38.99	40.64	/	Pass
	2670	Outer Full	39.29	40.70	/	Pass
CP-OFDM 256 QAM	2516.01	Outer Full	38.59	40.14	/	Pass
	2592.99	Outer Full	38.97	40.36	/	Pass
	2670	Outer Full	38.87	40.39	/	Pass

4.1.10 30k_SISO_50MHz_NTNV

5G NR n41 SCS=30kHz SISO 50MHz NTN						
Modulation	Frequency	RB	99% Bandwidth	26dB Bandwidth	Limit	Verdict

	(MHz)	Allocation	(MHz)	(MHz)	(MHz)	
DFT-s-OFDM QPSK	2521.02	Outer_Full	46.86	49.27	/	Pass
	2592.99	Outer_Full	46.27	49.53	/	Pass
	2664.99	Outer_Full	47.32	49.34	/	Pass
DFT-s-OFDM 16 QAM	2521.02	Outer_Full	46.93	49.10	/	Pass
	2592.99	Outer_Full	47.19	49.11	/	Pass
	2664.99	Outer_Full	47.34	49.43	/	Pass
DFT-s-OFDM 64 QAM	2521.02	Outer_Full	47.01	49.03	/	Pass
	2592.99	Outer_Full	47.14	49.19	/	Pass
	2664.99	Outer_Full	47.39	49.29	/	Pass
DFT-s-OFDM 256 QAM	2521.02	Outer_Full	46.77	48.92	/	Pass
	2592.99	Outer_Full	47.05	48.98	/	Pass
	2664.99	Outer_Full	47.24	49.24	/	Pass
CP-OFDM QPSK	2521.02	Outer_Full	48.55	50.66	/	Pass
	2592.99	Outer_Full	48.90	50.82	/	Pass
	2664.99	Outer_Full	49.10	51.02	/	Pass
CP-OFDM 16 QAM	2521.02	Outer_Full	48.46	50.66	/	Pass
	2592.99	Outer_Full	48.90	50.93	/	Pass
	2664.99	Outer_Full	49.25	51.01	/	Pass
CP-OFDM 64 QAM	2521.02	Outer_Full	48.64	50.77	/	Pass
	2592.99	Outer_Full	48.89	50.90	/	Pass
	2664.99	Outer_Full	49.06	51.11	/	Pass
CP-OFDM 256 QAM	2521.02	Outer_Full	48.08	50.22	/	Pass
	2592.99	Outer_Full	48.60	50.67	/	Pass
	2664.99	Outer_Full	48.84	50.85	/	Pass

4.1.11 30k_SISO_60MHz_NTNV

5G NR n41 SCS=30kHz SISO 60MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM QPSK	2526	Outer_Full	59.07	61.98	/	Pass
	2592.99	Outer_Full	59.55	62.09	/	Pass
	2659.98	Outer_Full	59.74	62.45	/	Pass
DFT-s-OFDM 16 QAM	2526	Outer_Full	59.05	61.69	/	Pass
	2592.99	Outer_Full	59.50	61.99	/	Pass
	2659.98	Outer_Full	59.70	62.12	/	Pass
DFT-s-OFDM 64 QAM	2526	Outer_Full	59.18	61.75	/	Pass
	2592.99	Outer_Full	59.64	61.89	/	Pass
	2659.98	Outer_Full	59.80	62.28	/	Pass
DFT-s-OFDM 256 QAM	2526	Outer_Full	59.22	61.63	/	Pass
	2592.99	Outer_Full	59.59	61.83	/	Pass
	2659.98	Outer_Full	59.80	62.12	/	Pass
CP-OFDM QPSK	2526	Outer_Full	58.97	61.81	/	Pass
	2592.99	Outer_Full	59.47	61.83	/	Pass
	2659.98	Outer_Full	59.71	62.13	/	Pass
CP-OFDM 16 QAM	2526	Outer_Full	58.88	61.58	/	Pass
	2592.99	Outer_Full	59.33	61.85	/	Pass
	2659.98	Outer_Full	59.72	61.98	/	Pass
CP-OFDM 64 QAM	2526	Outer_Full	58.97	61.52	/	Pass
	2592.99	Outer_Full	59.52	61.73	/	Pass
	2659.98	Outer_Full	59.84	62.09	/	Pass
CP-OFDM 256 QAM	2526	Outer_Full	58.47	61.29	/	Pass
	2592.99	Outer_Full	59.27	61.47	/	Pass
	2659.98	Outer_Full	59.58	61.94	/	Pass

4.1.12 30k_SISO_80MHz_NTNV

5G NR n41 SCS=30kHz SISO 80MHz NTV						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM QPSK	2536.02	Outer_Full	78.99	82.60	/	Pass
	2592.99	Outer_Full	79.53	83.05	/	Pass
	2649.99	Outer_Full	79.64	83.27	/	Pass
DFT-s-OFDM 16 QAM	2536.02	Outer_Full	79.42	82.84	/	Pass
	2592.99	Outer_Full	79.30	82.48	/	Pass
	2649.99	Outer_Full	79.81	83.08	/	Pass
DFT-s-OFDM 64 QAM	2536.02	Outer_Full	78.86	82.34	/	Pass
	2592.99	Outer_Full	79.41	82.58	/	Pass
	2649.99	Outer_Full	79.67	82.97	/	Pass
DFT-s-OFDM 256 QAM	2536.02	Outer_Full	78.71	82.04	/	Pass
	2592.99	Outer_Full	79.46	82.38	/	Pass
	2649.99	Outer_Full	79.66	82.73	/	Pass
CP-OFDM QPSK	2536.02	Outer_Full	79.23	82.70	/	Pass
	2592.99	Outer_Full	79.84	82.96	/	Pass
	2649.99	Outer_Full	80.32	83.33	/	Pass
CP-OFDM 16 QAM	2536.02	Outer_Full	79.21	82.72	/	Pass
	2592.99	Outer_Full	79.77	83.04	/	Pass
	2649.99	Outer_Full	80.11	83.34	/	Pass
CP-OFDM 64 QAM	2536.02	Outer_Full	79.18	82.65	/	Pass
	2592.99	Outer_Full	79.79	82.97	/	Pass
	2649.99	Outer_Full	80.18	83.16	/	Pass
CP-OFDM 256 QAM	2536.02	Outer_Full	78.47	82.05	/	Pass
	2592.99	Outer_Full	79.30	82.44	/	Pass
	2649.99	Outer_Full	79.91	82.91	/	Pass

4.1.13 30k_SISO_90MHz_NTNV

5G NR n41 SCS=30kHz SISO 90MHz NTV						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM QPSK	2541	Outer_Full	88.75	92.77	/	Pass
	2592.99	Outer_Full	87.50	93.10	/	Pass
	2644.98	Outer_Full	89.60	93.27	/	Pass
DFT-s-OFDM 16 QAM	2541	Outer_Full	89.01	92.59	/	Pass
	2592.99	Outer_Full	89.30	93.11	/	Pass
	2644.98	Outer_Full	89.64	93.21	/	Pass
DFT-s-OFDM 64 QAM	2541	Outer_Full	88.99	92.62	/	Pass
	2592.99	Outer_Full	89.13	92.73	/	Pass
	2644.98	Outer_Full	89.61	93.19	/	Pass
DFT-s-OFDM 256 QAM	2541	Outer_Full	88.61	92.21	/	Pass
	2592.99	Outer_Full	89.24	92.63	/	Pass
	2644.98	Outer_Full	89.47	92.90	/	Pass
CP-OFDM QPSK	2541	Outer_Full	89.32	93.15	/	Pass
	2592.99	Outer_Full	90.08	93.54	/	Pass
	2644.98	Outer_Full	90.54	94.19	/	Pass
CP-OFDM 16 QAM	2541	Outer_Full	89.44	93.22	/	Pass
	2592.99	Outer_Full	89.84	93.41	/	Pass
	2644.98	Outer_Full	90.26	93.93	/	Pass
CP-OFDM 64 QAM	2541	Outer_Full	89.35	93.08	/	Pass
	2592.99	Outer_Full	89.96	93.51	/	Pass
	2644.98	Outer_Full	90.41	93.90	/	Pass
CP-OFDM 256 QAM	2541	Outer_Full	88.39	92.46	/	Pass

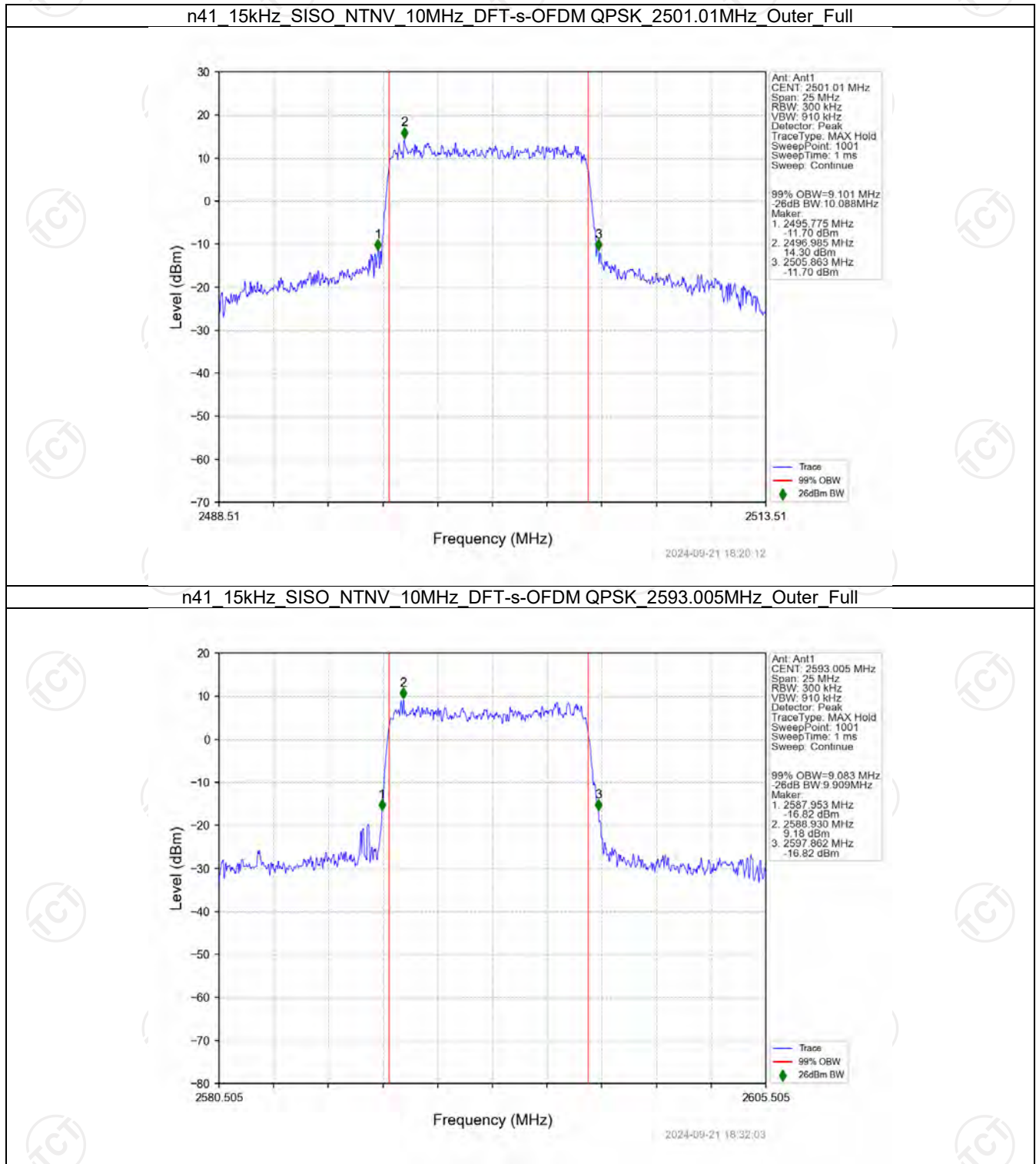
	2592.99	Outer Full	89.29	92.88	/	Pass
	2644.98	Outer Full	89.99	93.53	/	Pass

4.1.14 30k_SISO_100MHz_NTNV

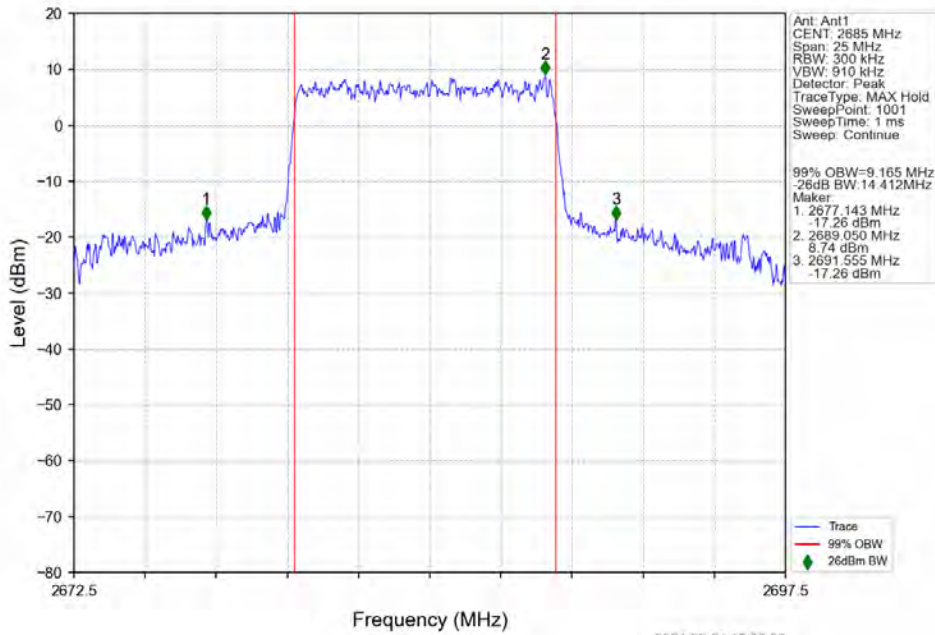
5G NR n41 SCS=30kHz SISO 100MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM QPSK	2546.01	Outer Full	98.86	103.17	/	Pass
	2592.99	Outer Full	99.39	103.69	/	Pass
	2640	Outer Full	99.63	104.02	/	Pass
DFT-s-OFDM 16 QAM	2546.01	Outer Full	98.72	103.06	/	Pass
	2592.99	Outer Full	99.02	103.23	/	Pass
	2640	Outer Full	99.58	103.68	/	Pass
DFT-s-OFDM 64 QAM	2546.01	Outer Full	98.54	103.11	/	Pass
	2592.99	Outer Full	99.16	103.25	/	Pass
	2640	Outer Full	99.61	103.81	/	Pass
DFT-s-OFDM 256 QAM	2546.01	Outer Full	98.28	102.75	/	Pass
	2592.99	Outer Full	97.47	103.11	/	Pass
	2640	Outer Full	99.44	103.24	/	Pass
CP-OFDM QPSK	2546.01	Outer Full	99.25	103.82	/	Pass
	2592.99	Outer Full	99.82	104.23	/	Pass
	2640	Outer Full	100.55	104.29	/	Pass
CP-OFDM 16 QAM	2546.01	Outer Full	99.16	103.85	/	Pass
	2592.99	Outer Full	100.03	104.23	/	Pass
	2640	Outer Full	100.63	104.74	/	Pass
CP-OFDM 64 QAM	2546.01	Outer Full	99.48	103.93	/	Pass
	2592.99	Outer Full	100.19	104.34	/	Pass
	2640	Outer Full	100.79	104.48	/	Pass
CP-OFDM 256 QAM	2546.01	Outer Full	97.04	100.27	/	Pass
	2592.99	Outer Full	99.46	103.64	/	Pass
	2640	Outer Full	100.24	104.26	/	Pass

4.2 Test Graph

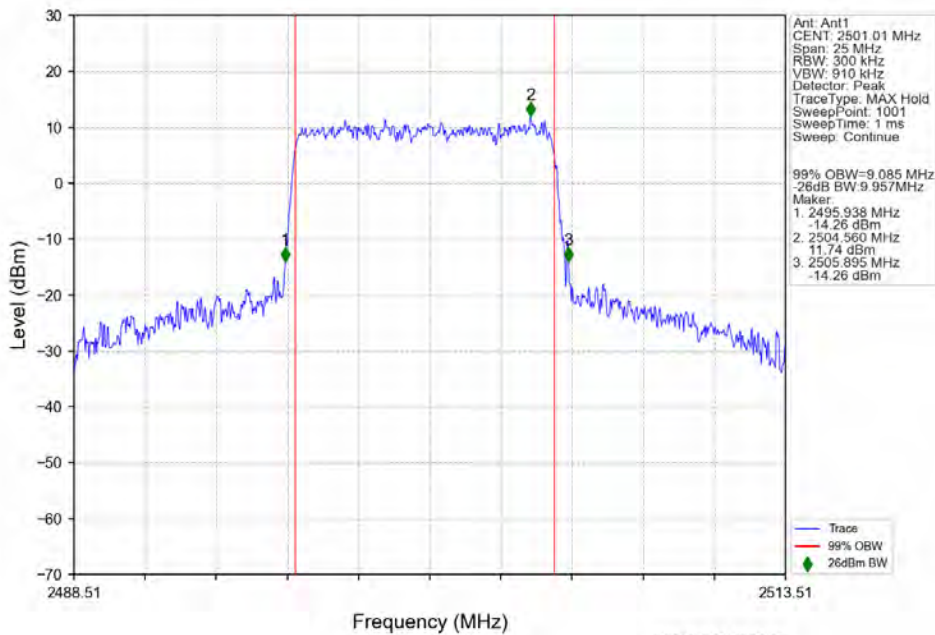
4.2.1 15k_SISO_10MHz_NTNV



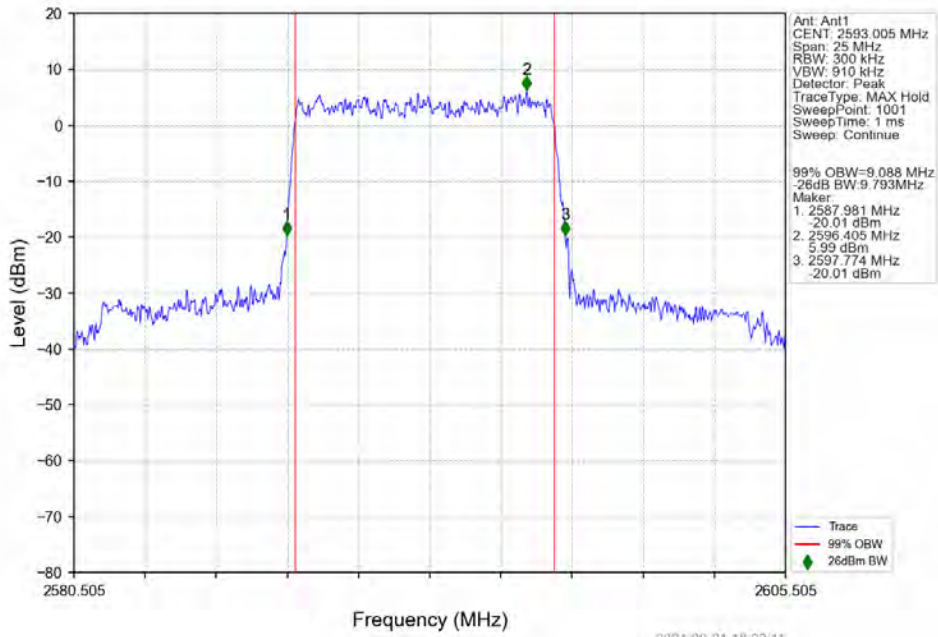
n41 15kHz SISO NTV 10MHz DFT-s-OFDM QPSK 2685MHz Outer Full



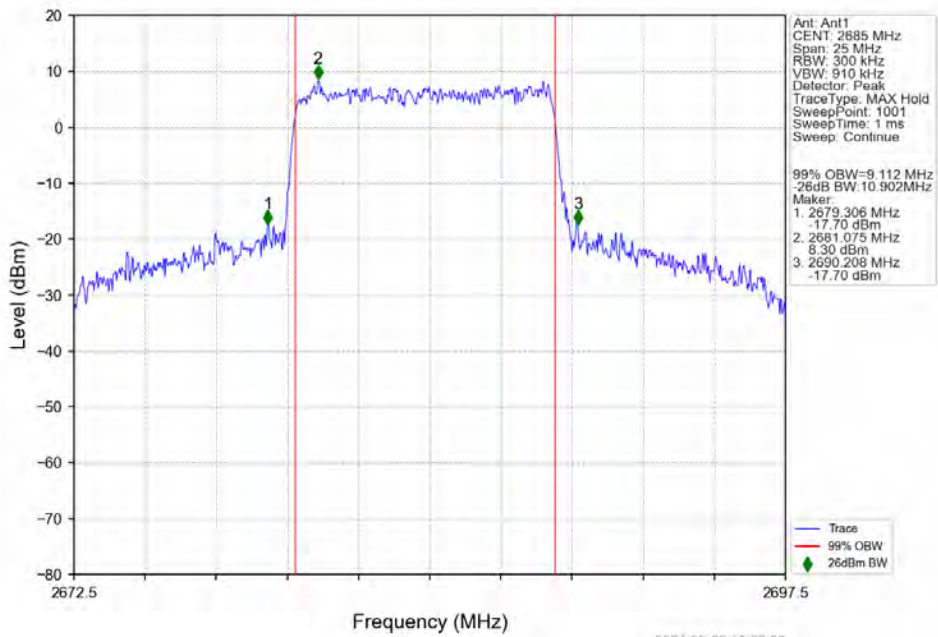
n41 15kHz SISO NTV 10MHz DFT-s-OFDM 16 QAM 2501.01MHz Outer Full



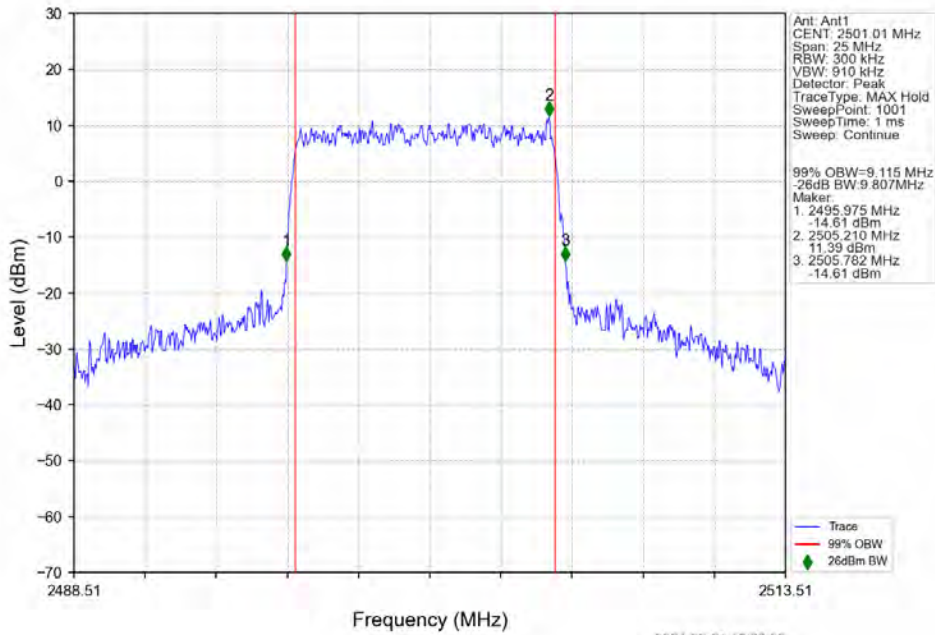
n41 15kHz SISO NTN 10MHz DFT-s-OFDM 16 QAM 2593.005MHz Outer Full



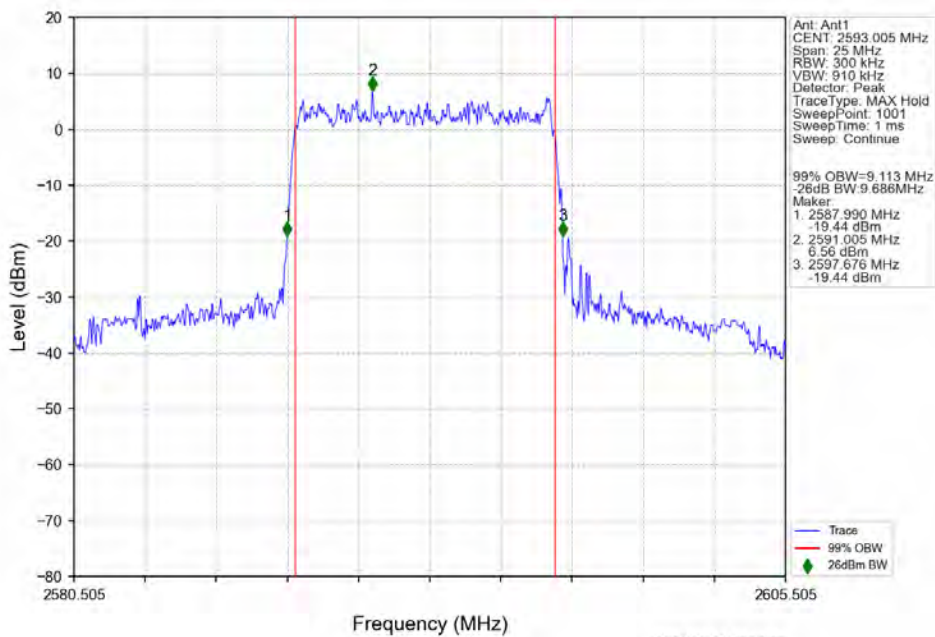
n41 15kHz SISO NTN 10MHz DFT-s-OFDM 16 QAM 2685MHz Outer Full



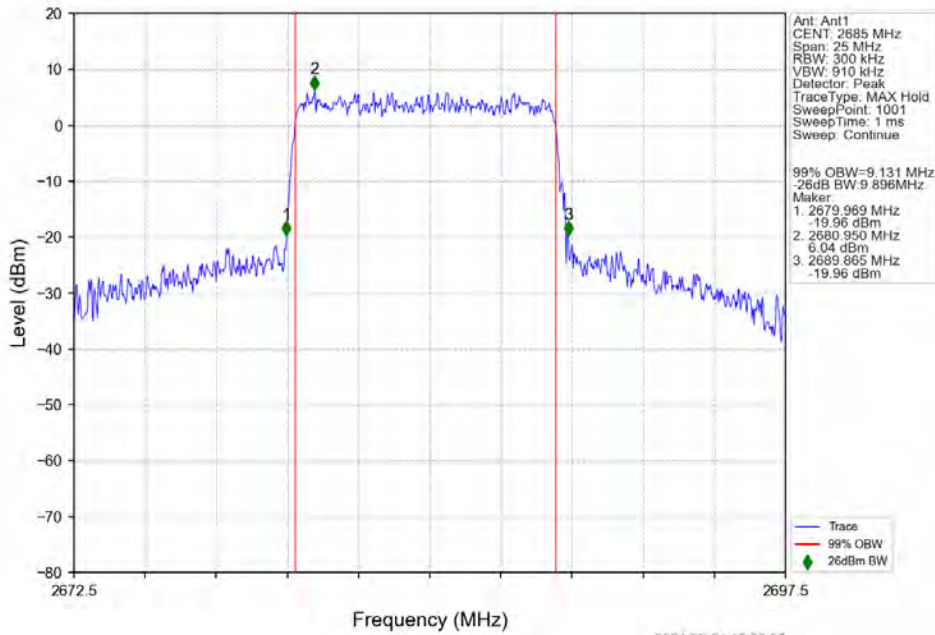
n41 15kHz SISO NTN 10MHz DFT-s-OFDM 64 QAM 2501.01MHz Outer Full



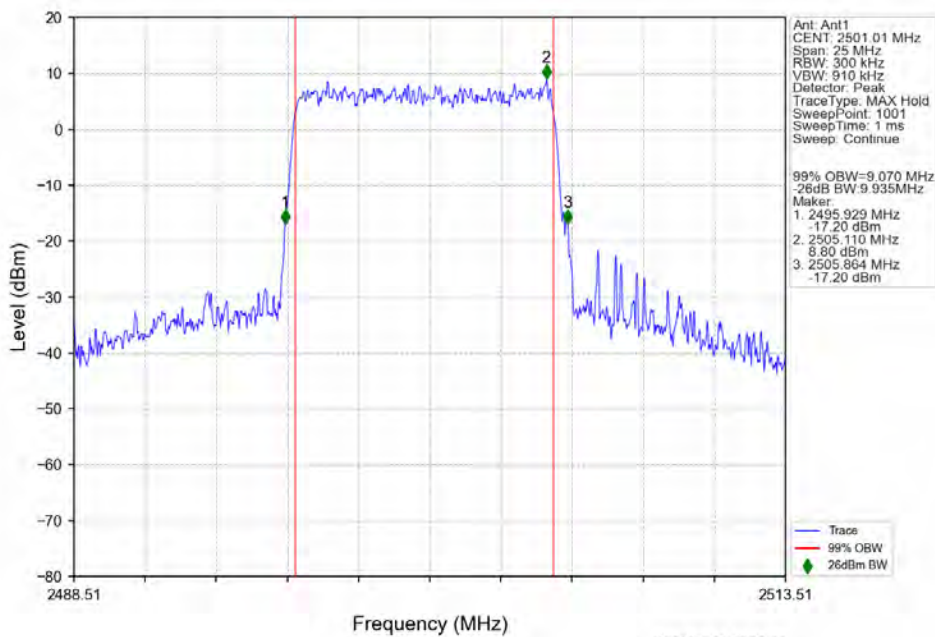
n41 15kHz SISO NTN 10MHz DFT-s-OFDM 64 QAM 2593.005MHz Outer Full



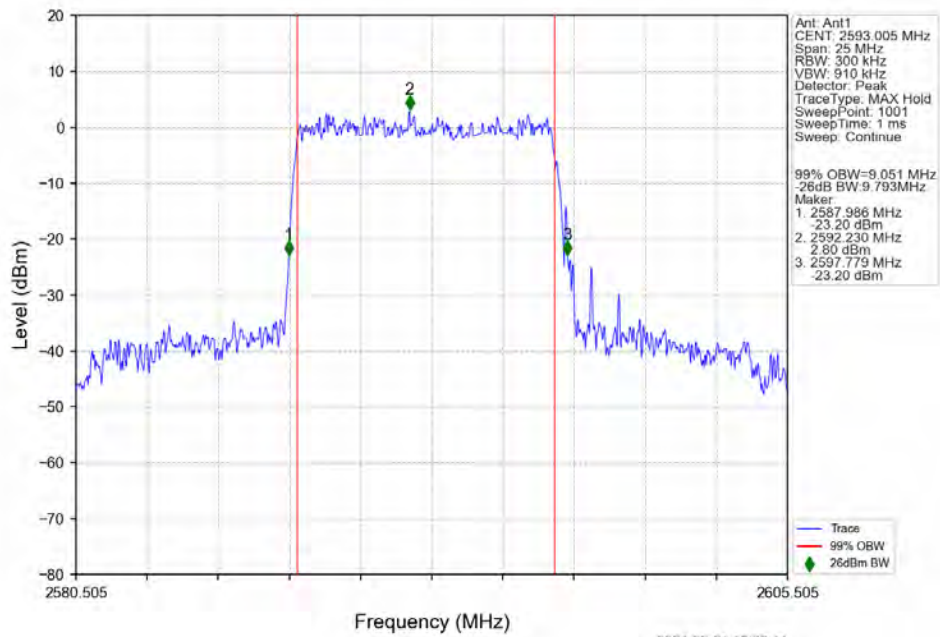
n41 15kHz SISO NTN 10MHz DFT-s-OFDM 64 QAM 2685MHz Outer Full



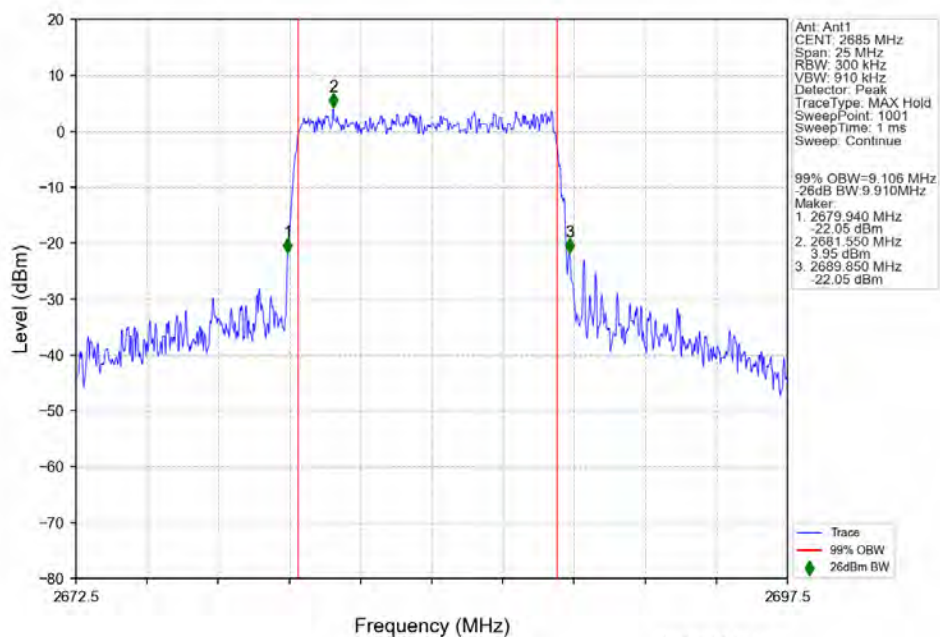
n41 15kHz SISO NTN 10MHz DFT-s-OFDM 256 QAM 2501.01MHz Outer Full



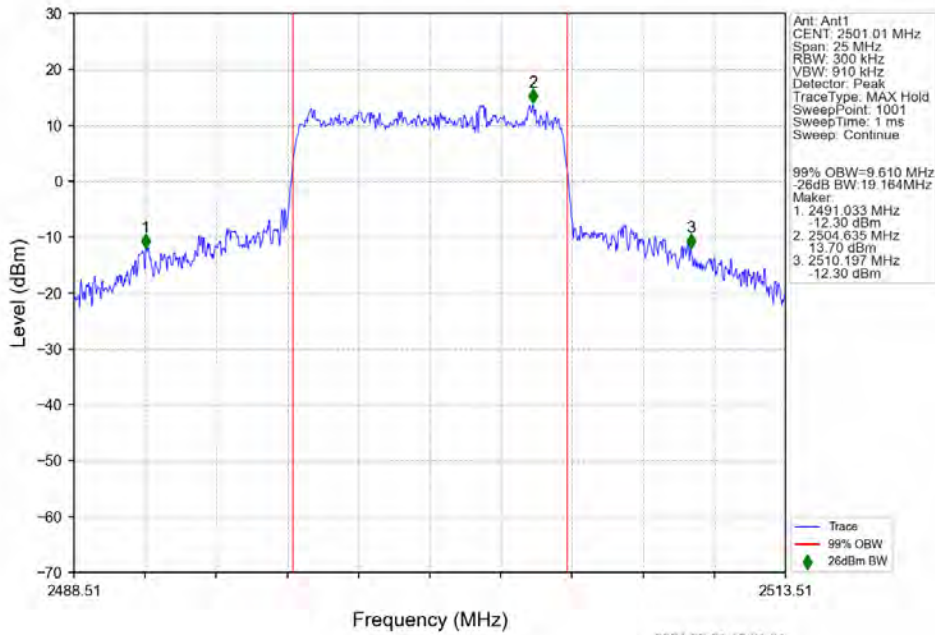
n41 15kHz SISO NTN 10MHz DFT-s-OFDM 256 QAM 2593.005MHz Outer Full



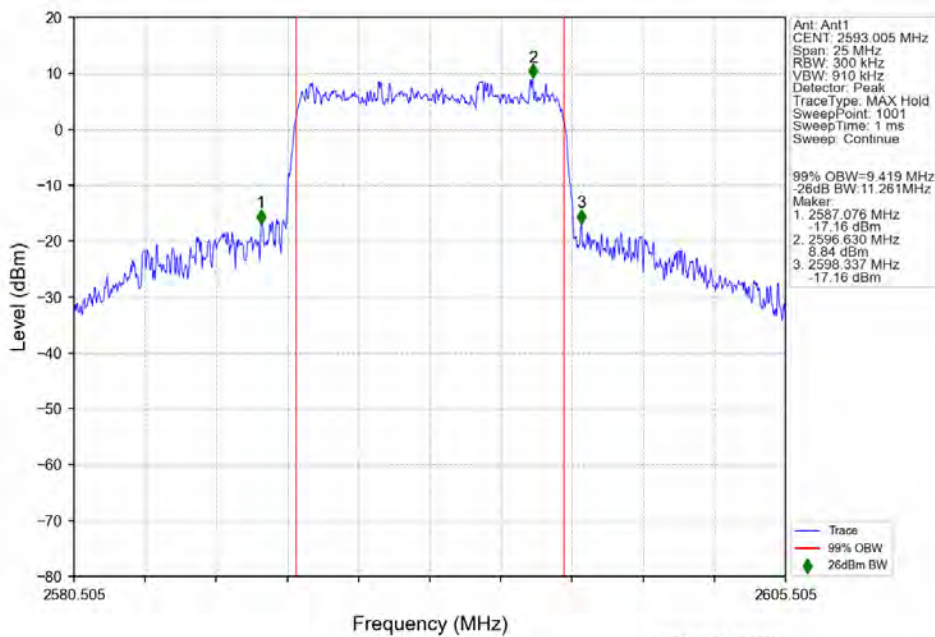
n41 15kHz SISO NTN 10MHz DFT-s-OFDM 256 QAM 2685MHz Outer Full



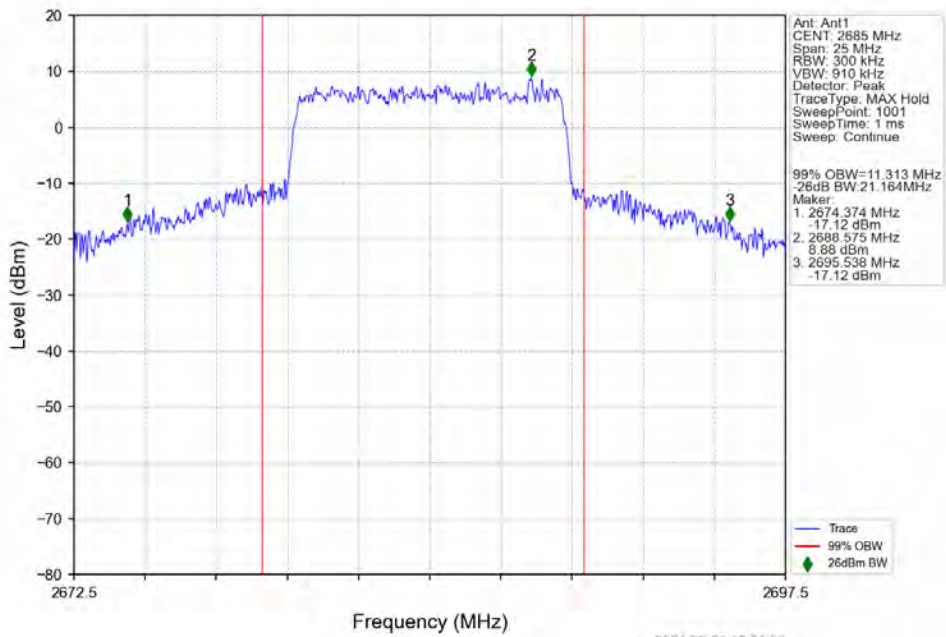
n41 15kHz SISO NTN 10MHz CP-OFDM QPSK 2501.01MHz Outer Full



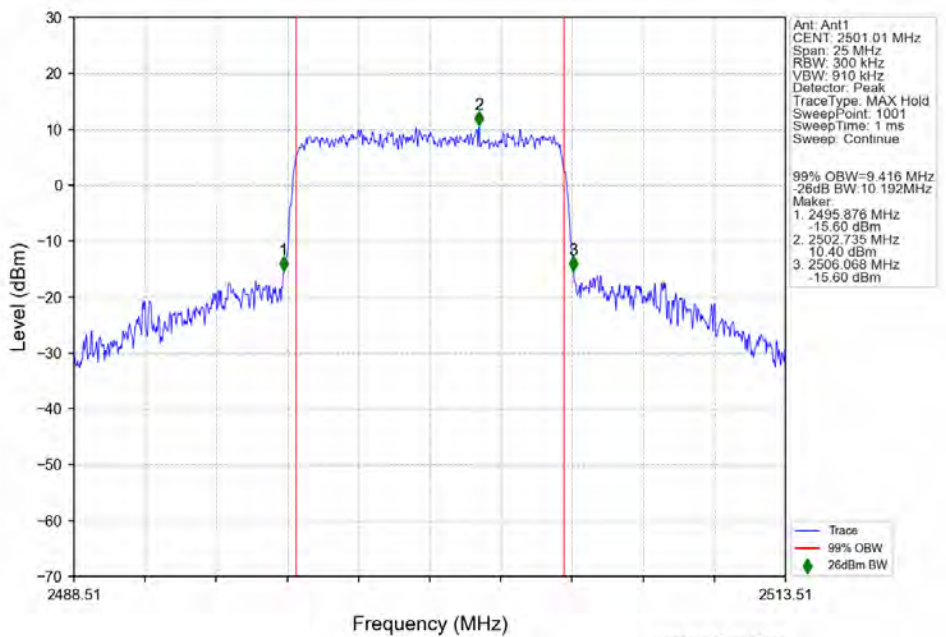
n41 15kHz SISO NTN 10MHz CP-OFDM QPSK 2593.005MHz Outer Full



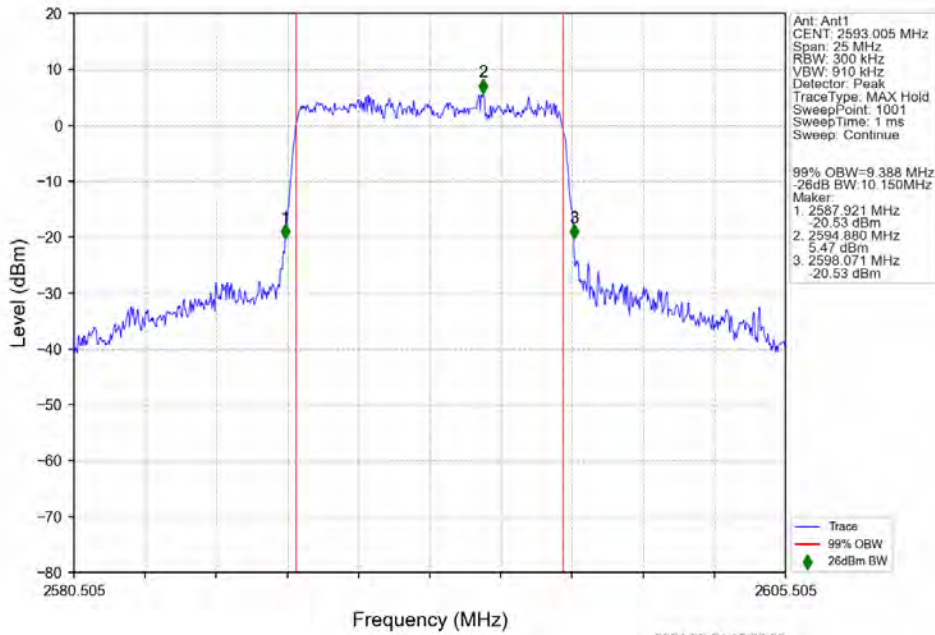
n41 15kHz SISO NTN 10MHz CP-OFDM QPSK 2685MHz Outer Full



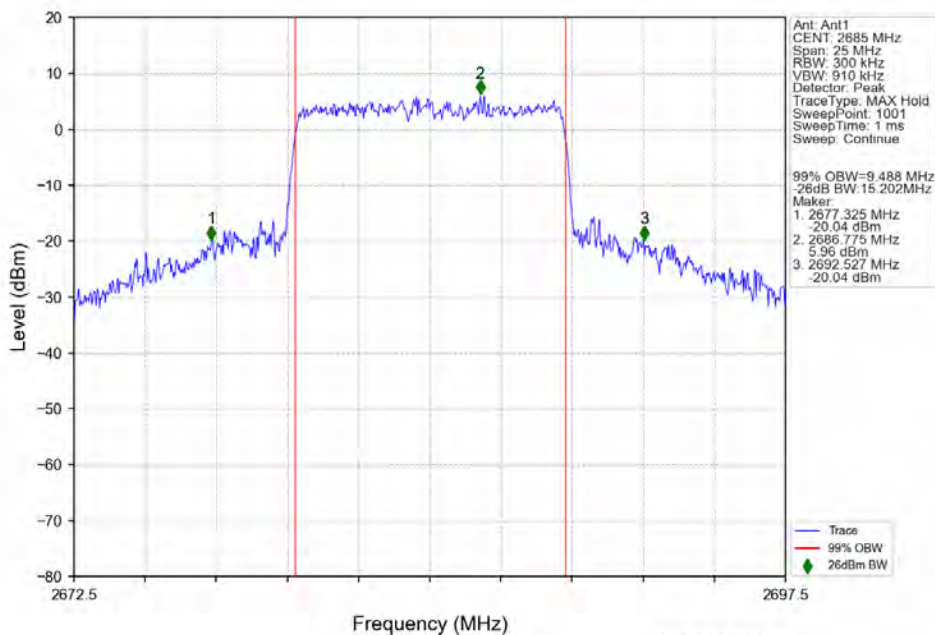
n41 15kHz SISO NTN 10MHz CP-OFDM 16 QAM 2501.01MHz Outer Full



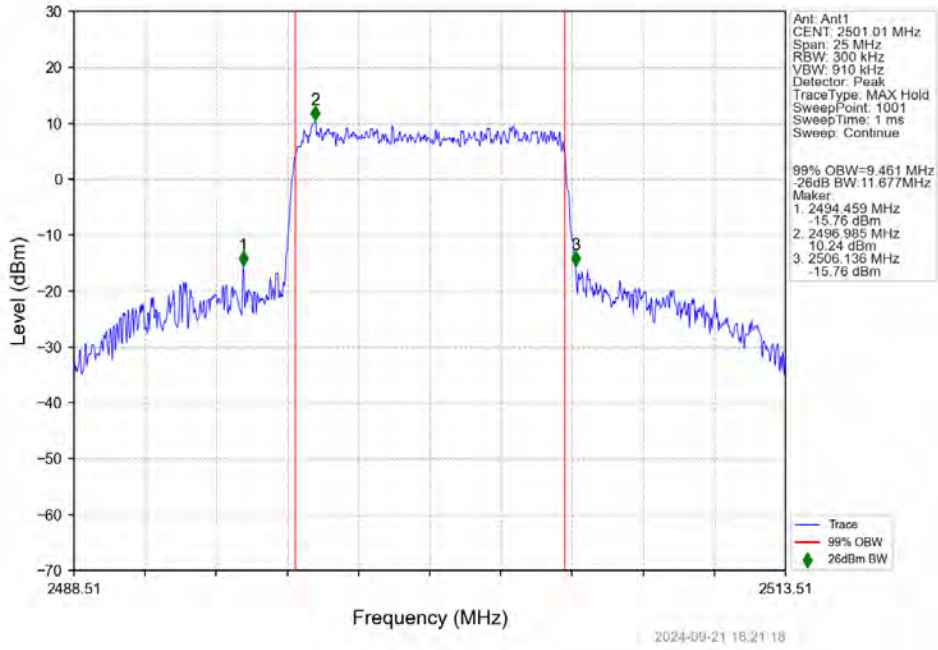
n41 15kHz SISO NTV 10MHz CP-OFDM 16 QAM 2593.005MHz Outer Full



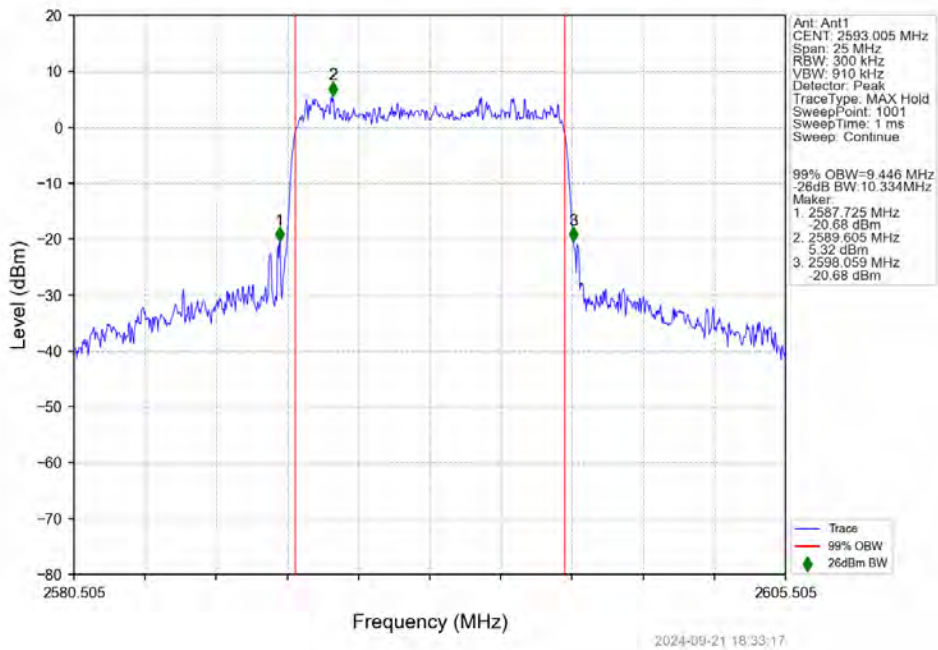
n41 15kHz SISO NTV 10MHz CP-OFDM 16 QAM 2685MHz Outer Full



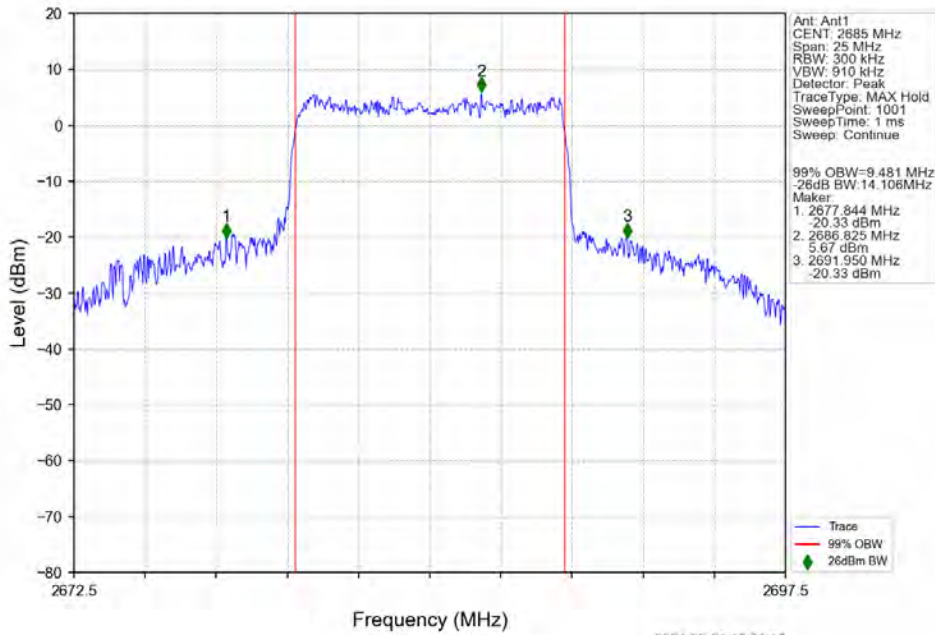
n41 15kHz SISO NTN 10MHz CP-OFDM 64 QAM 2501.01MHz Outer Full



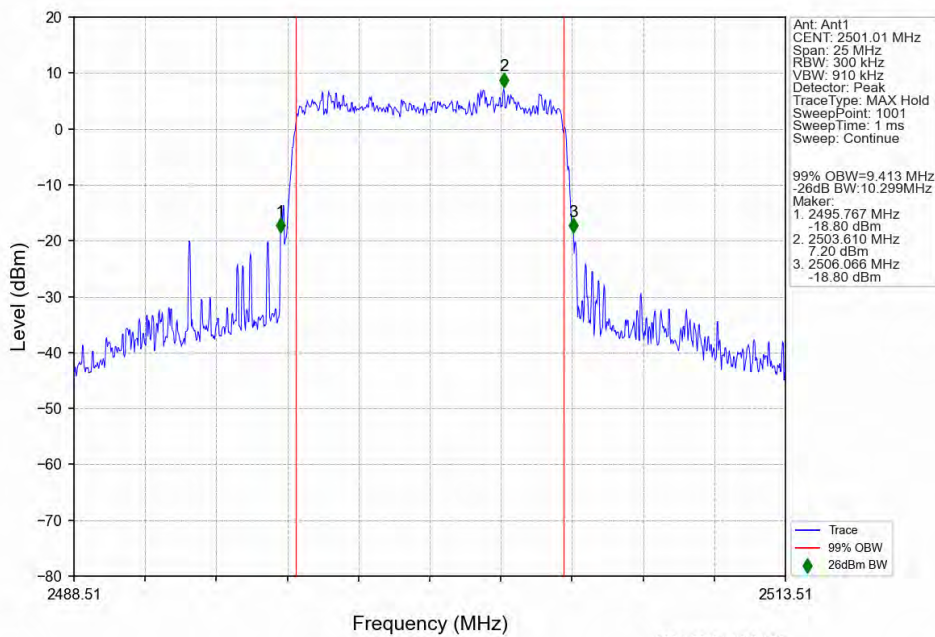
n41 15kHz SISO NTN 10MHz CP-OFDM 64 QAM 2593.005MHz Outer Full



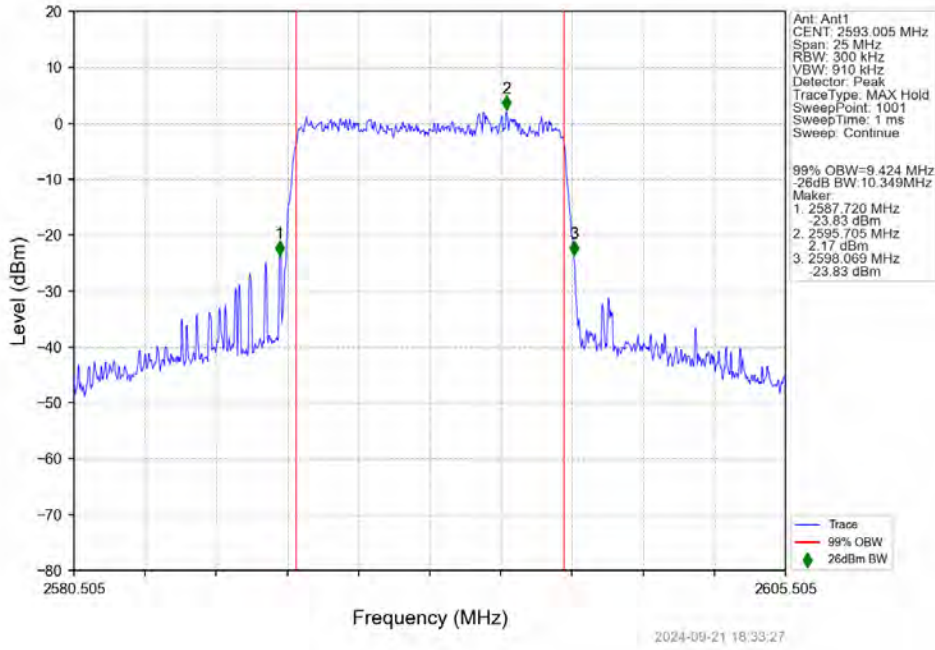
n41 15kHz SISO NTNV 10MHz CP-OFDM 64 QAM 2685MHz Outer Full



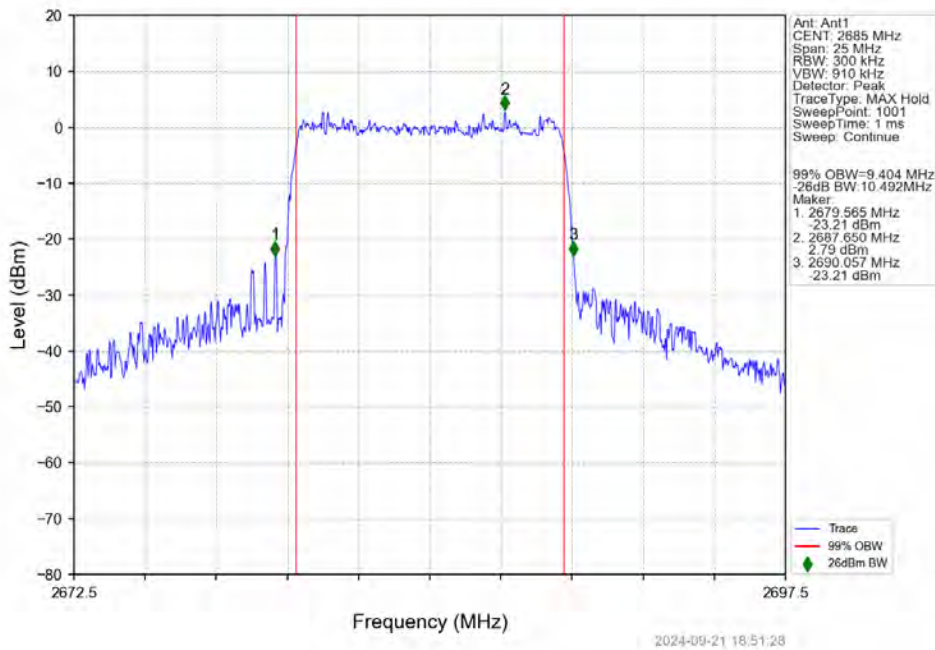
n41 15kHz SISO NTNV 10MHz CP-OFDM 256 QAM 2501.01MHz Outer Full



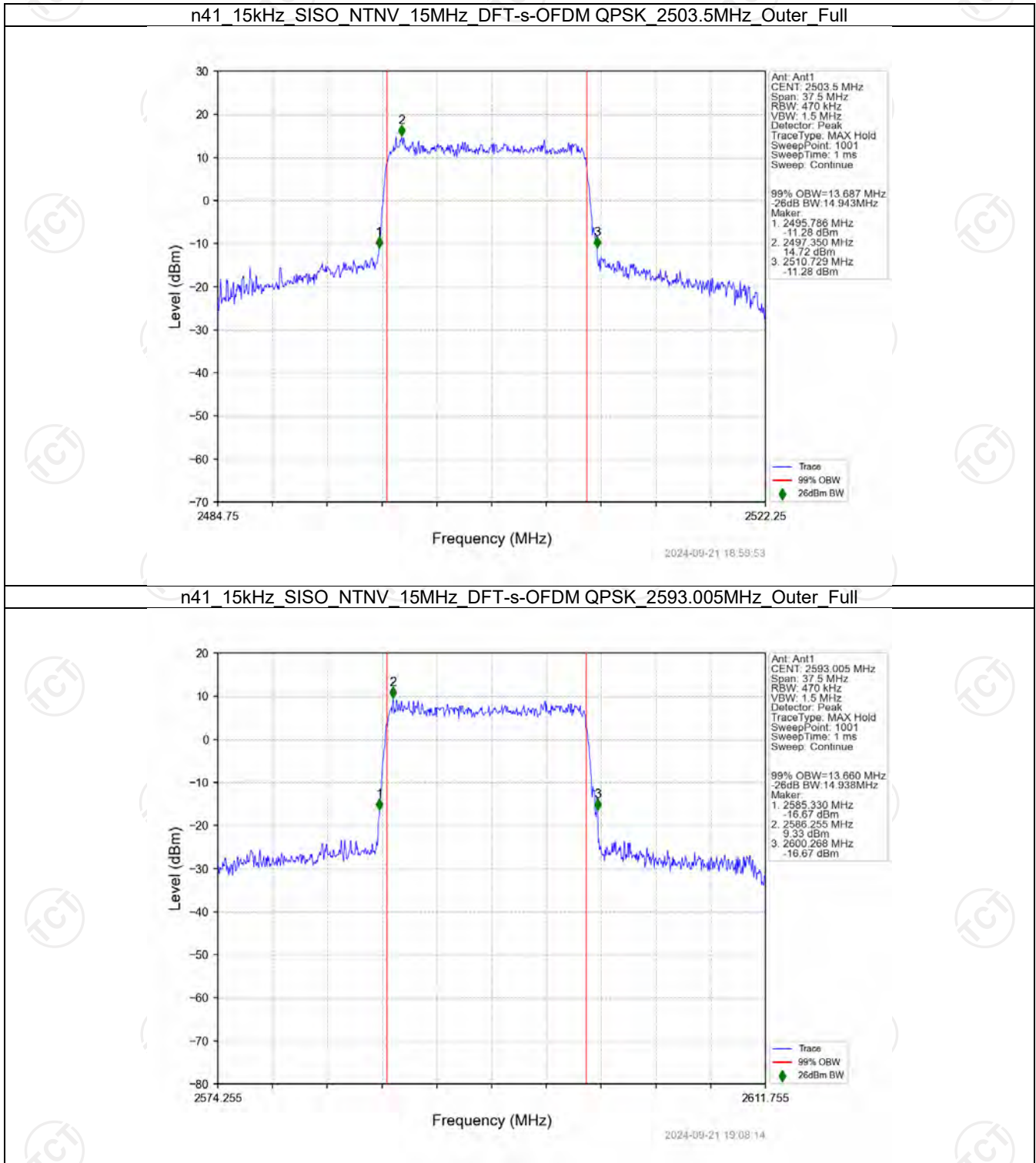
n41 15kHz SISO NTV 10MHz CP-OFDM 256 QAM 2593.005MHz Outer Full



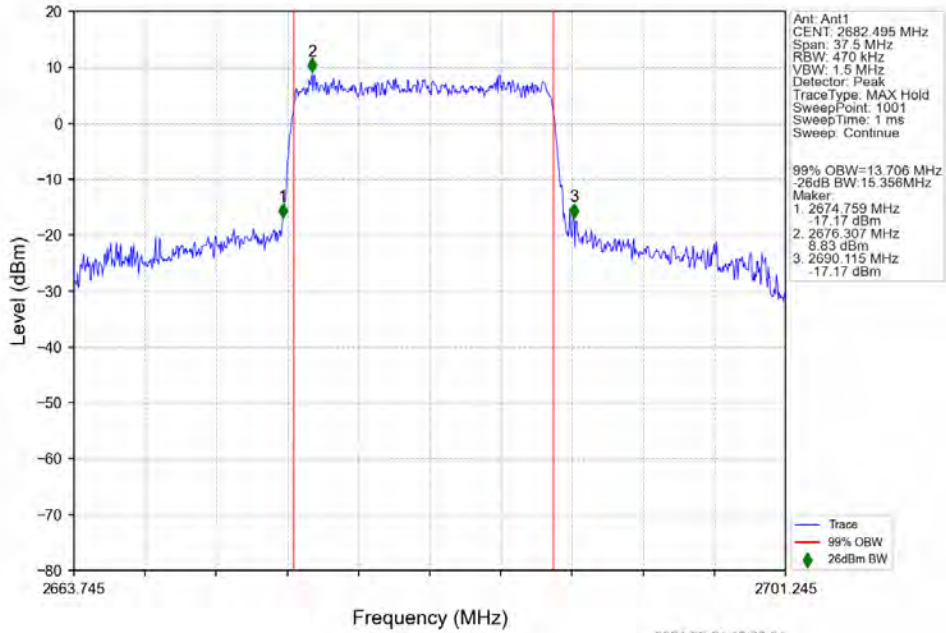
n41 15kHz SISO NTV 10MHz CP-OFDM 256 QAM 2685MHz Outer Full



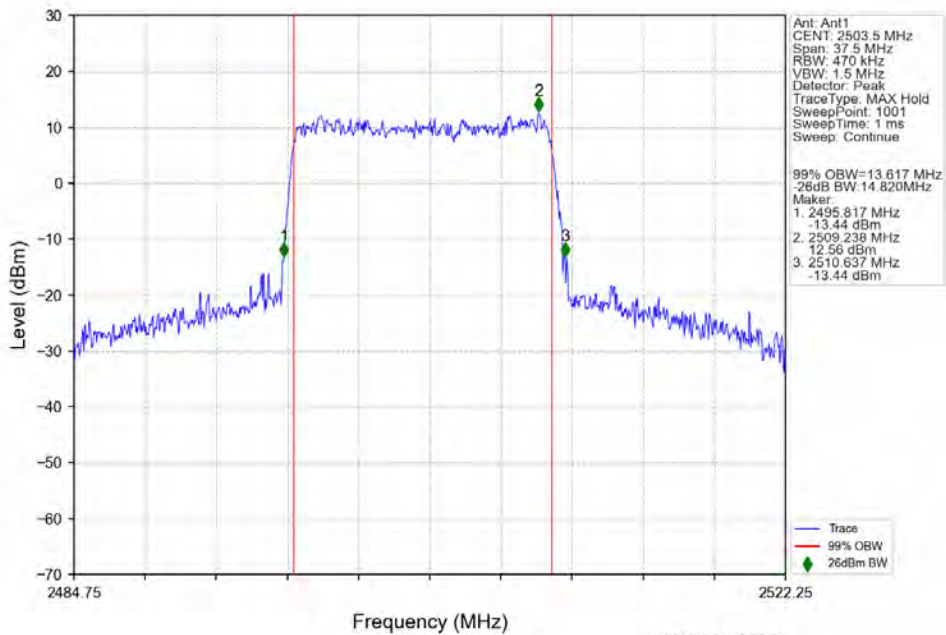
4.2.2 15k_SISO_15MHz_NTNV



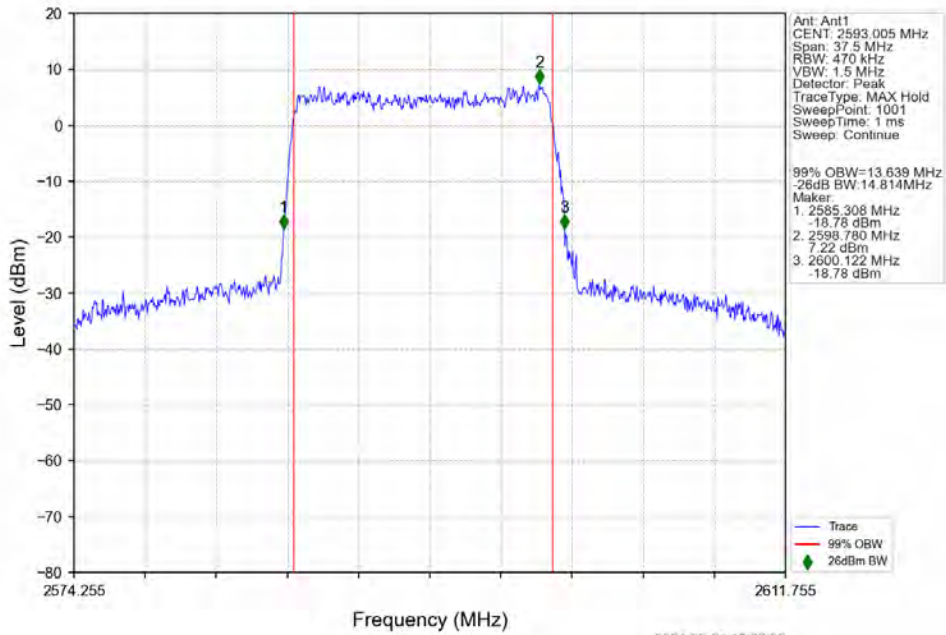
n41 15kHz SISO NTN 15MHz DFT-s-OFDM QPSK 2682.495MHz Outer Full



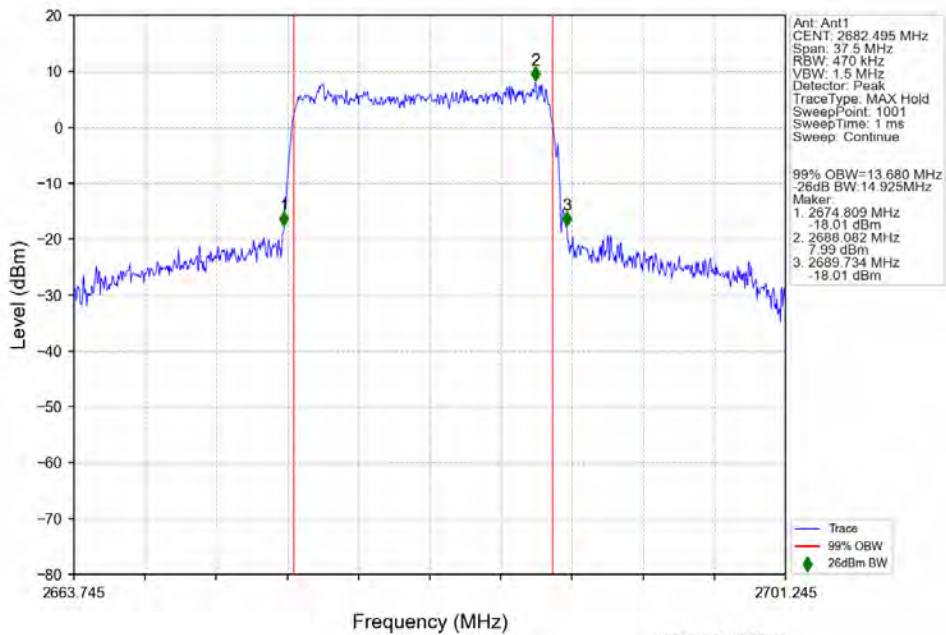
n41 15kHz SISO NTN 15MHz DFT-s-OFDM 16 QAM 2503.5MHz Outer Full



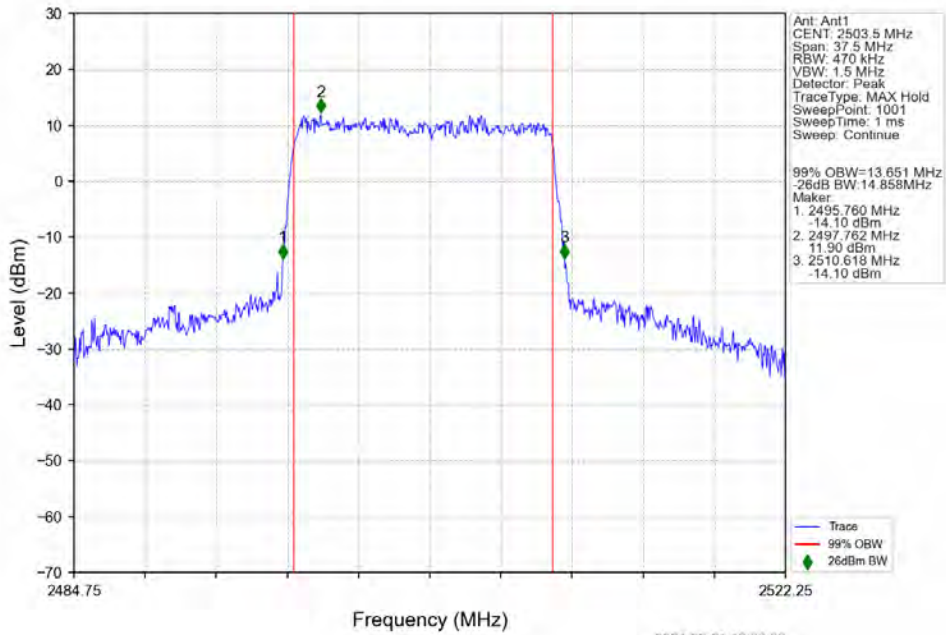
n41 15kHz SISO NTN 15MHz DFT-s-OFDM 16 QAM 2593.005MHz Outer Full



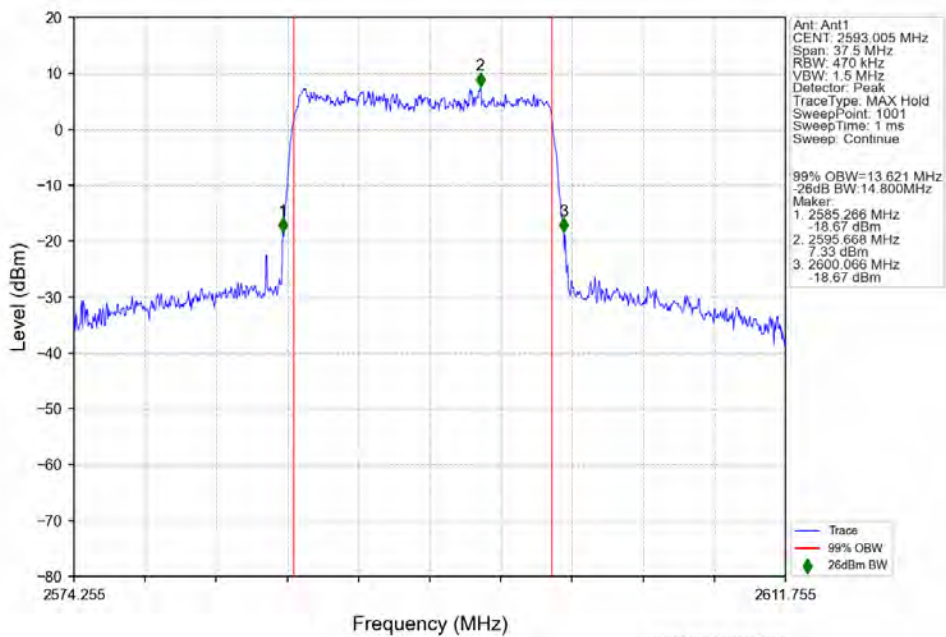
n41 15kHz SISO NTN 15MHz DFT-s-OFDM 16 QAM 2682.495MHz Outer Full



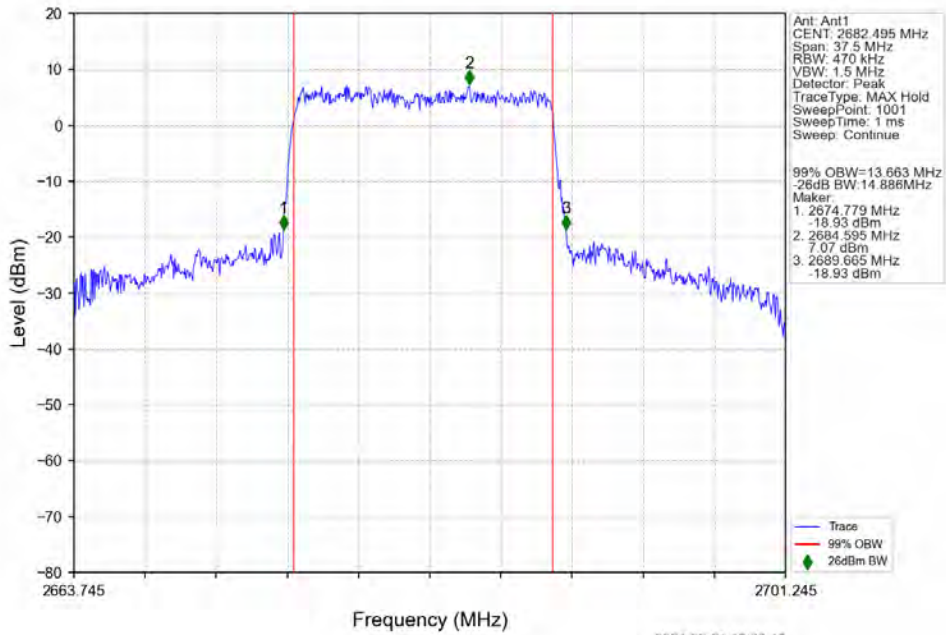
n41 15kHz SISO NTV 15MHz DFT-s-OFDM 64 QAM 2503.5MHz Outer Full



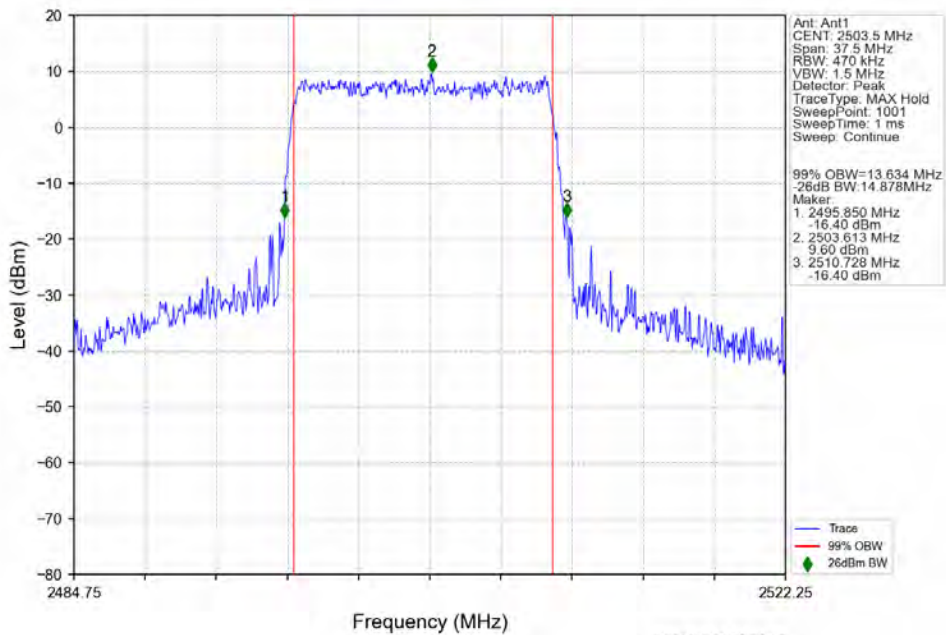
n41 15kHz SISO NTV 15MHz DFT-s-OFDM 64 QAM 2593.005MHz Outer Full



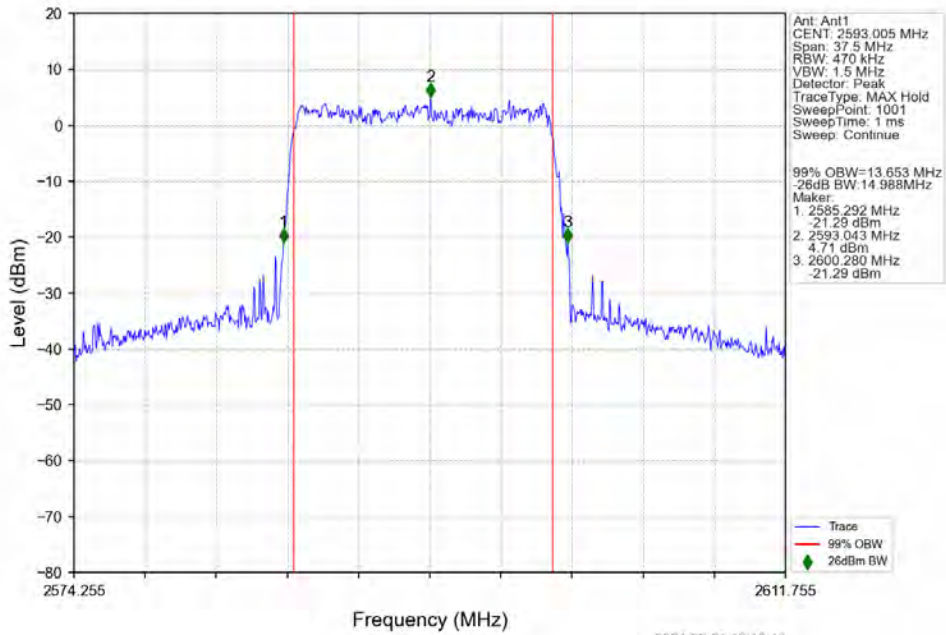
n41 15kHz SISO NTV 15MHz DFT-s-OFDM 64 QAM 2682.495MHz Outer Full



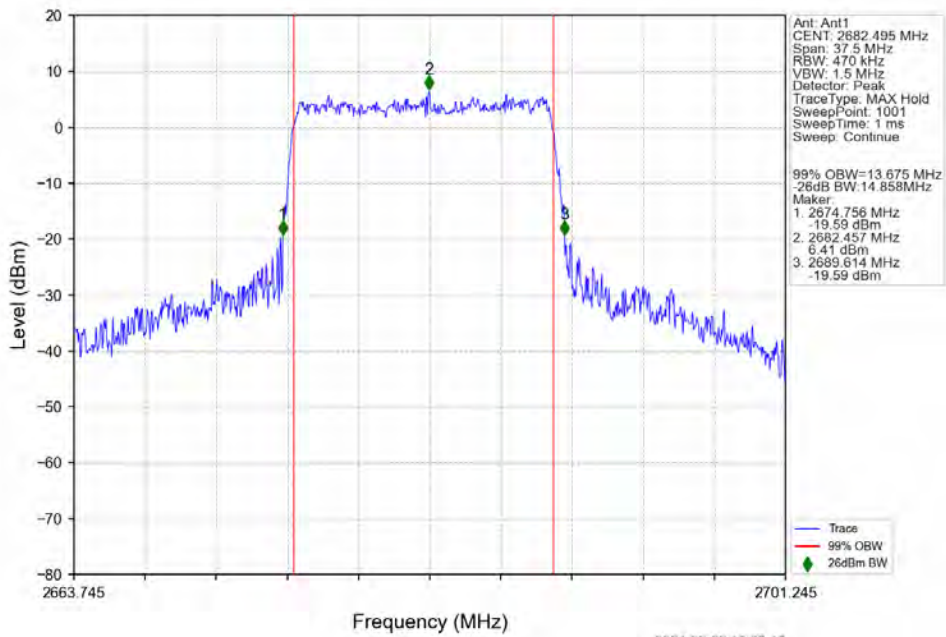
n41 15kHz SISO NTV 15MHz DFT-s-OFDM 256 QAM 2503.5MHz Outer Full



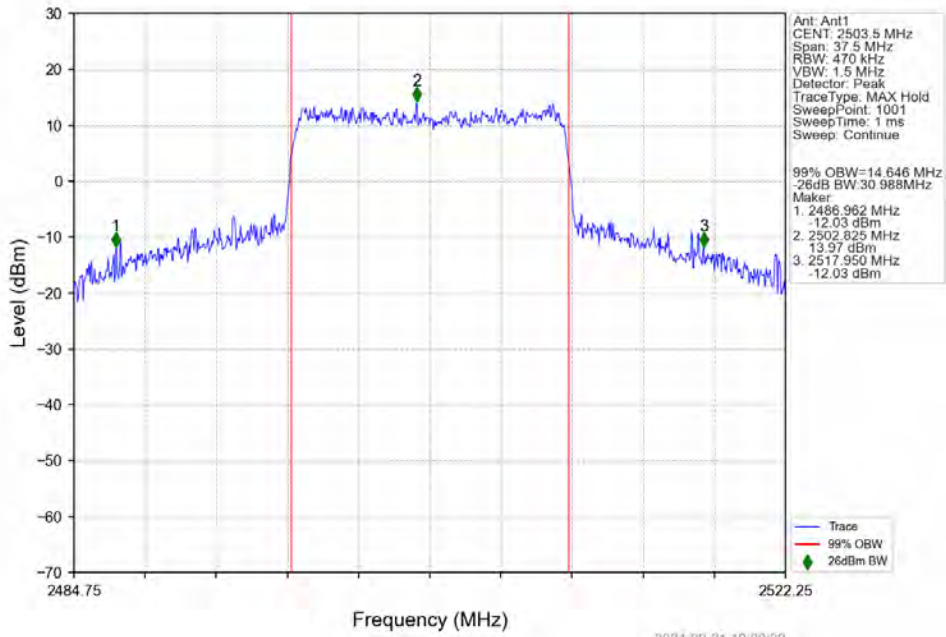
n41 15kHz SISO NTN 15MHz DFT-s-OFDM 256 QAM 2593.005MHz Outer Full



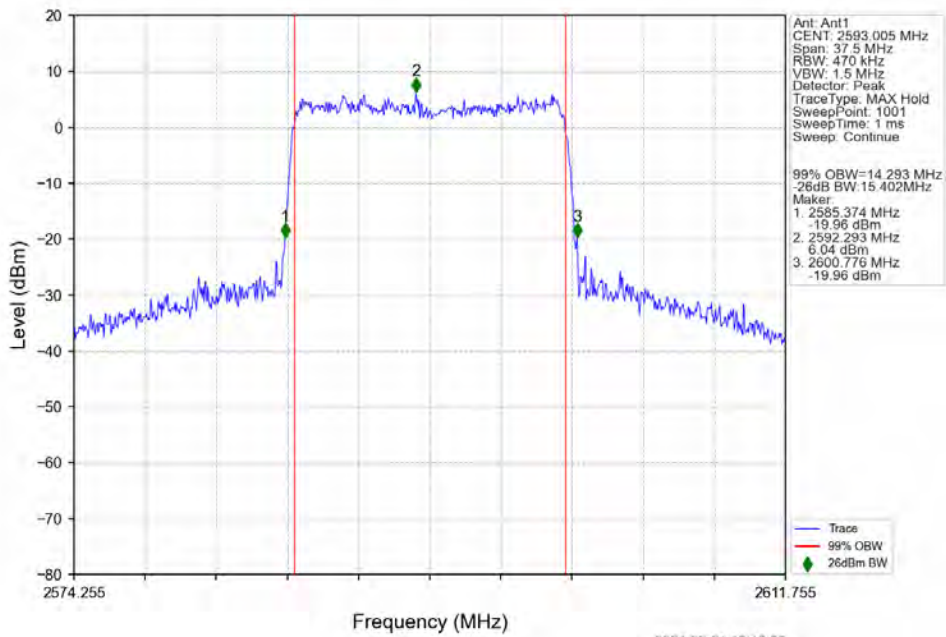
n41 15kHz SISO NTN 15MHz DFT-s-OFDM 256 QAM 2682.495MHz Outer Full



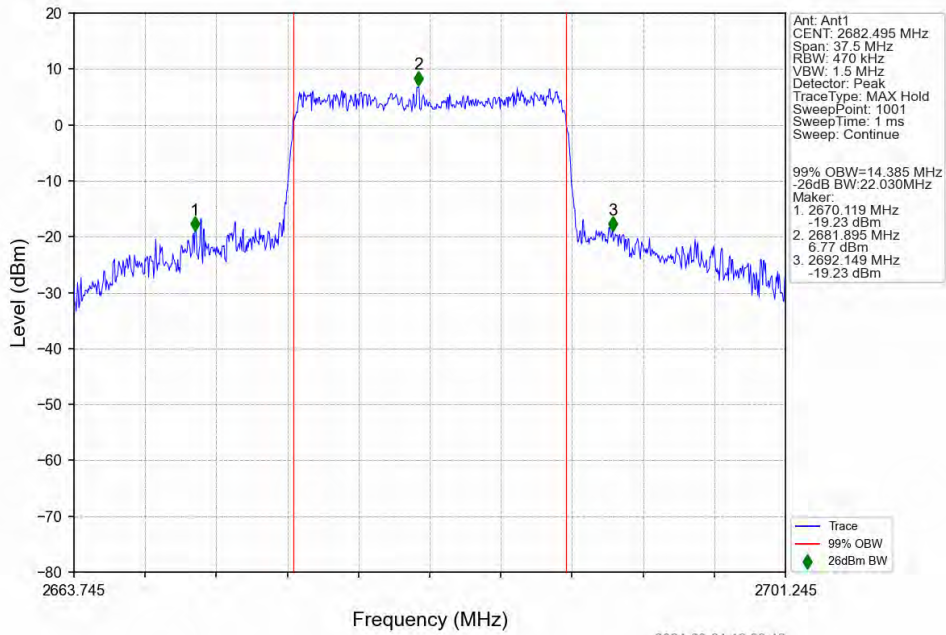
n41 15kHz SISO NTN 15MHz CP-OFDM QPSK 2503.5MHz Outer Full



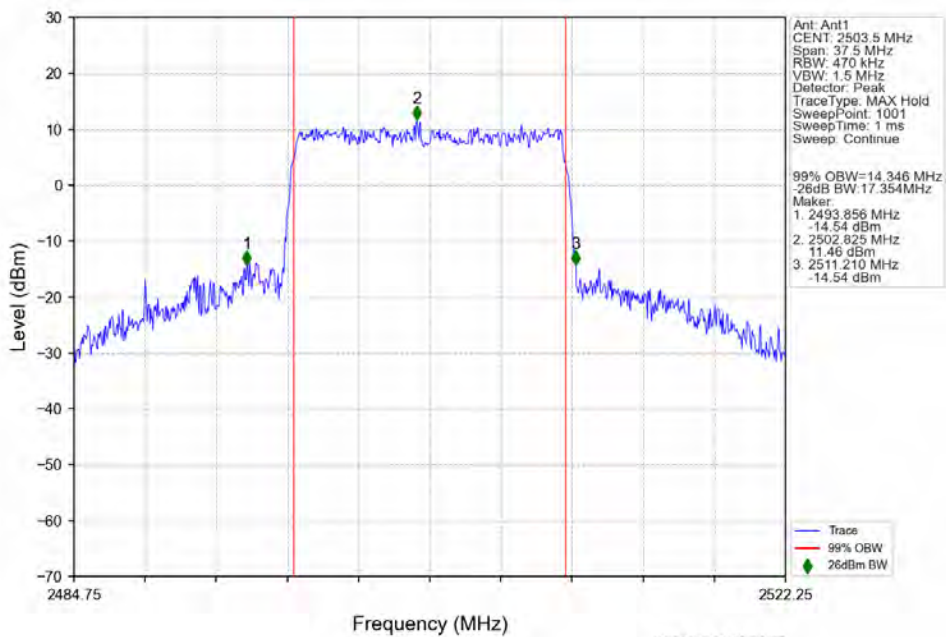
n41 15kHz SISO NTN 15MHz CP-OFDM QPSK 2593.005MHz Outer Full



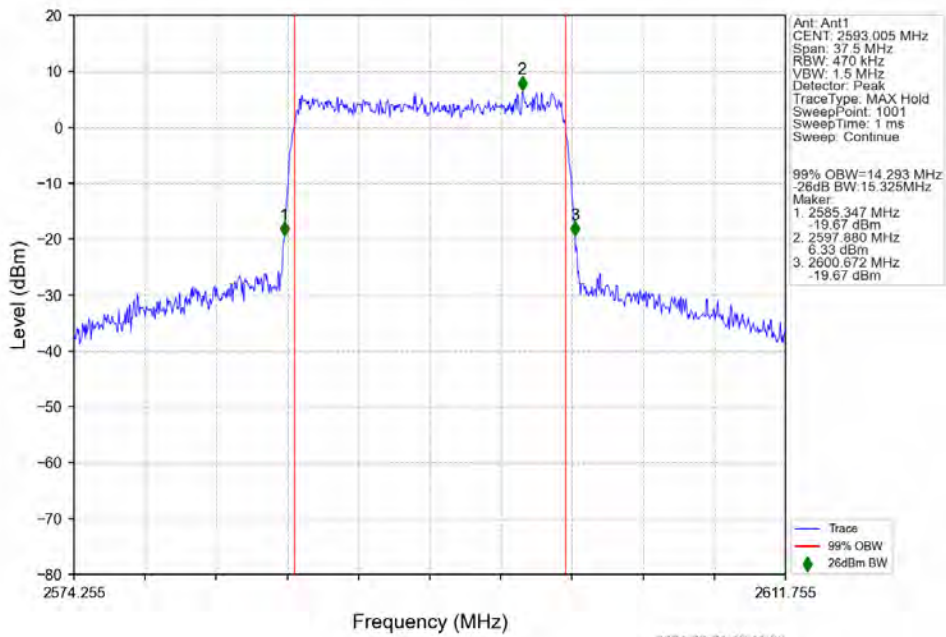
n41 15kHz SISO NTN 15MHz CP-OFDM QPSK 2682.495MHz Outer Full



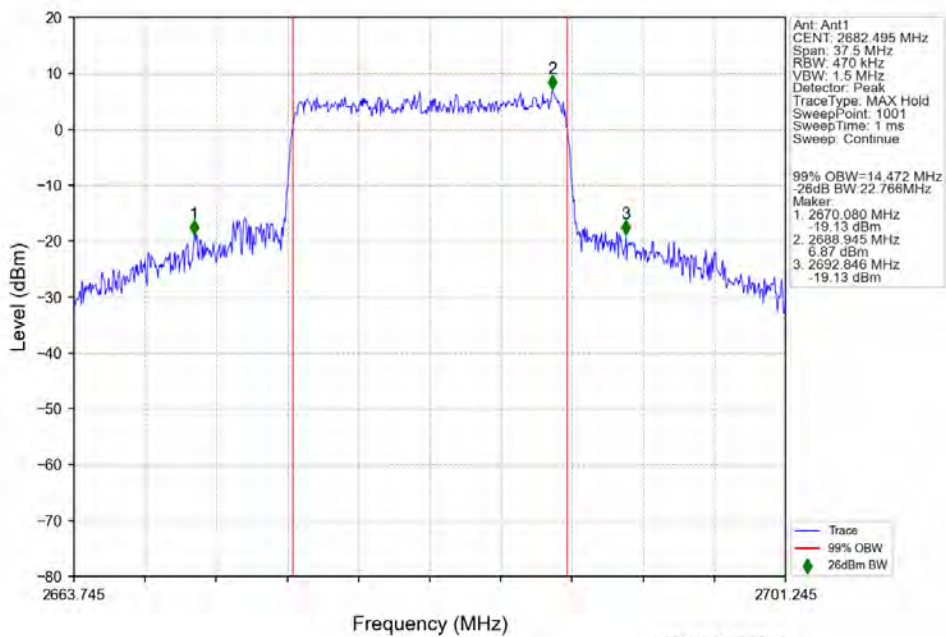
n41 15kHz SISO NTN 15MHz CP-OFDM 16 QAM 2503.5MHz Outer Full



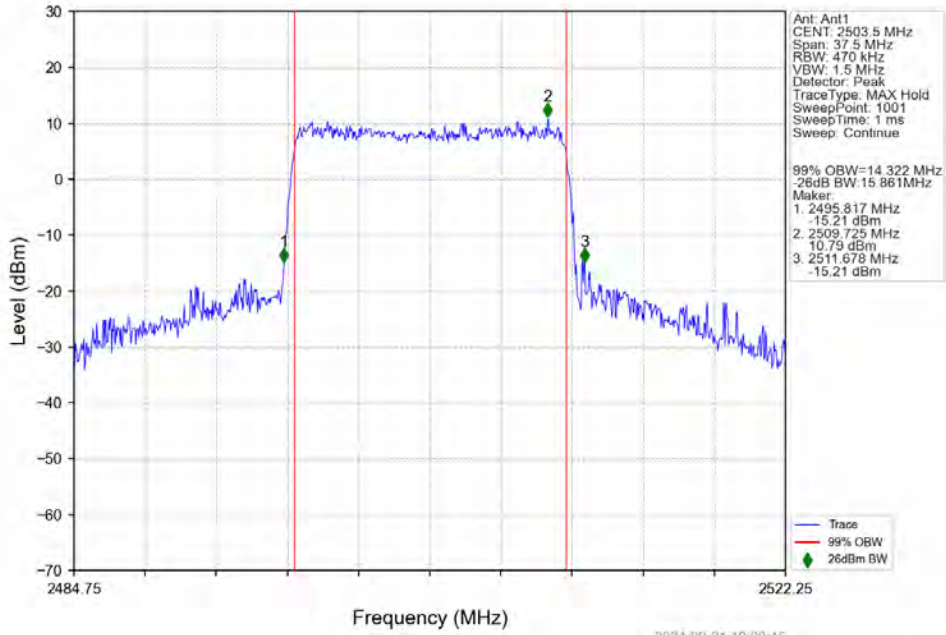
n41 15kHz SISO NTN 15MHz CP-OFDM 16 QAM 2593.005MHz Outer Full



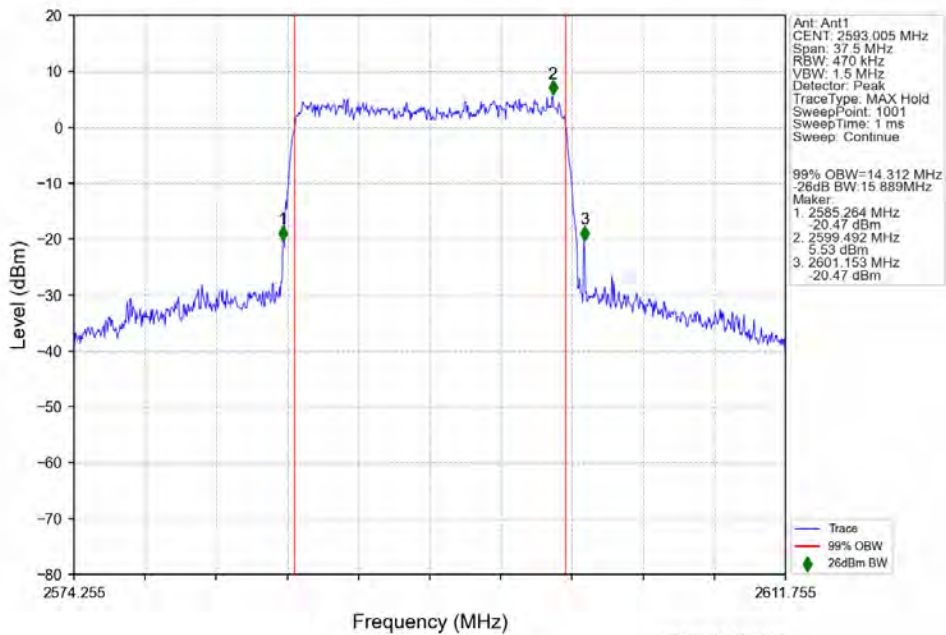
n41 15kHz SISO NTN 15MHz CP-OFDM 16 QAM 2682.495MHz Outer Full



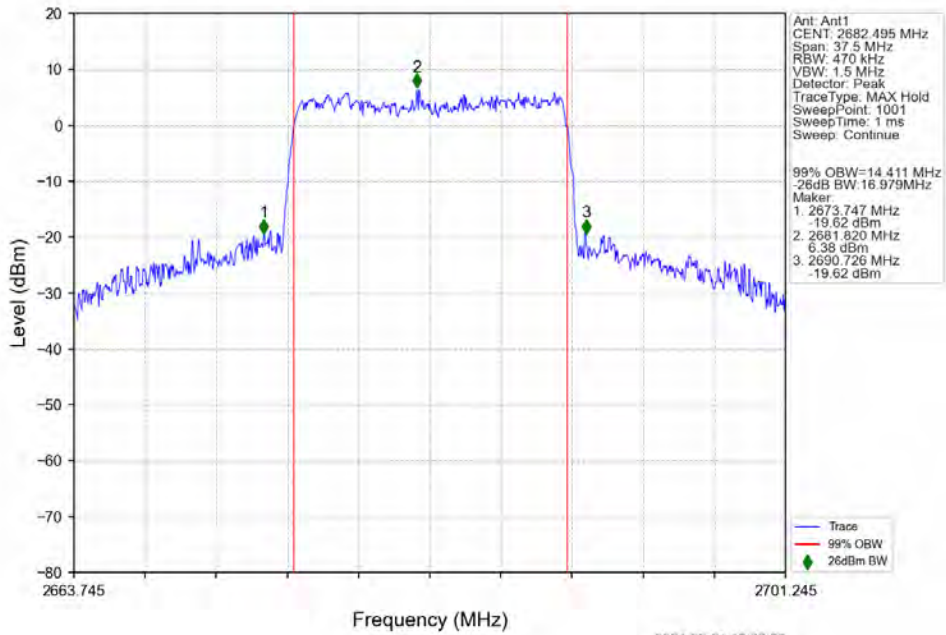
n41 15kHz SISO NTV 15MHz CP-OFDM 64 QAM 2503.5MHz Outer Full



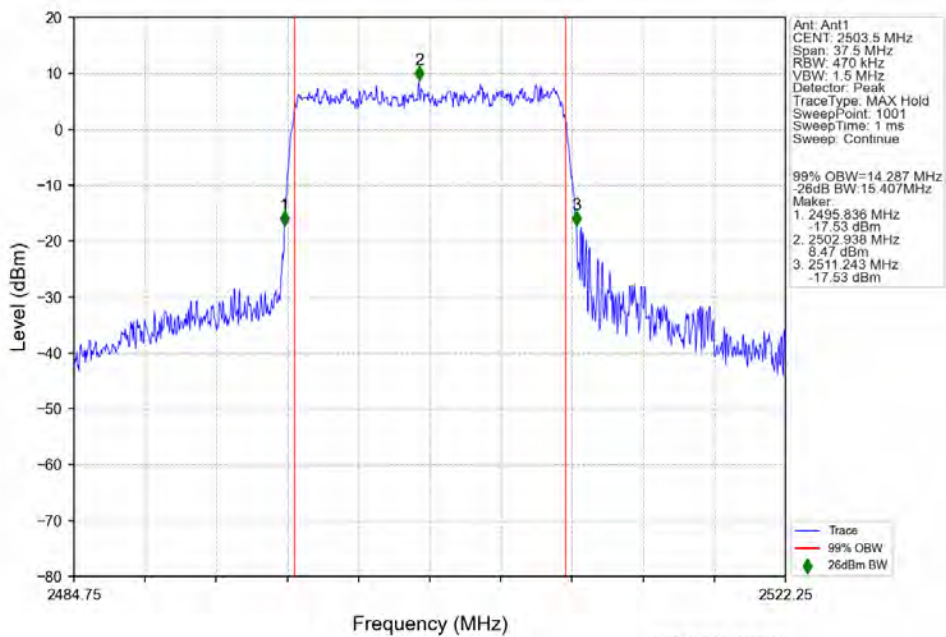
n41 15kHz SISO NTV 15MHz CP-OFDM 64 QAM 2593.005MHz Outer Full



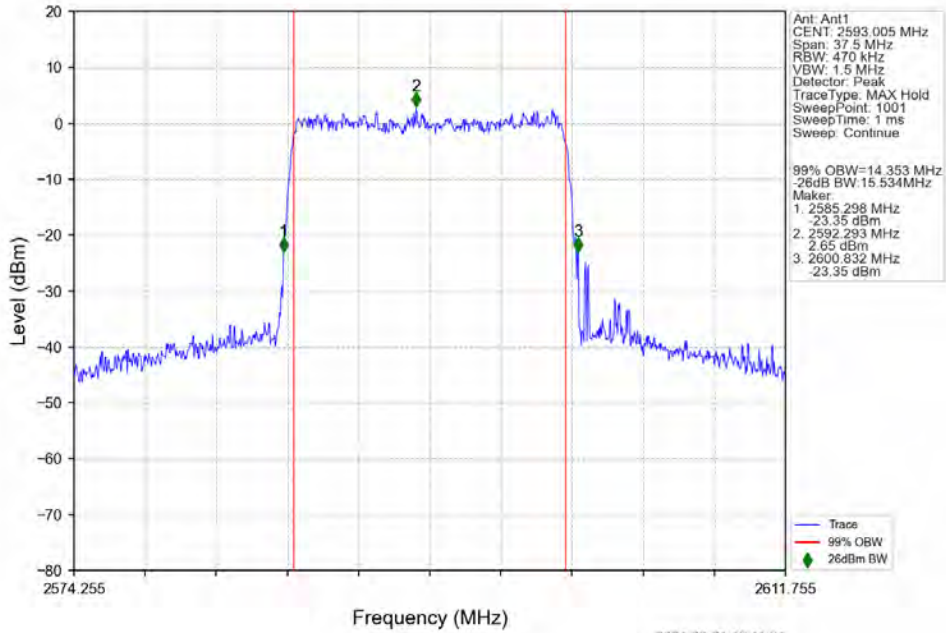
n41 15kHz SISO NTN 15MHz CP-OFDM 64 QAM 2682.495MHz Outer Full



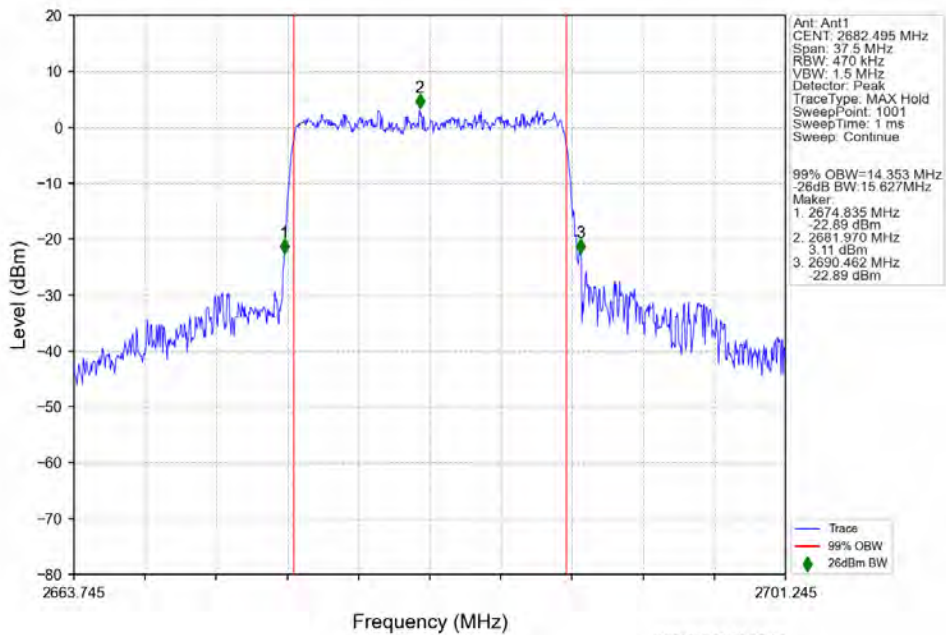
n41 15kHz SISO NTN 15MHz CP-OFDM 256 QAM 2503.5MHz Outer Full



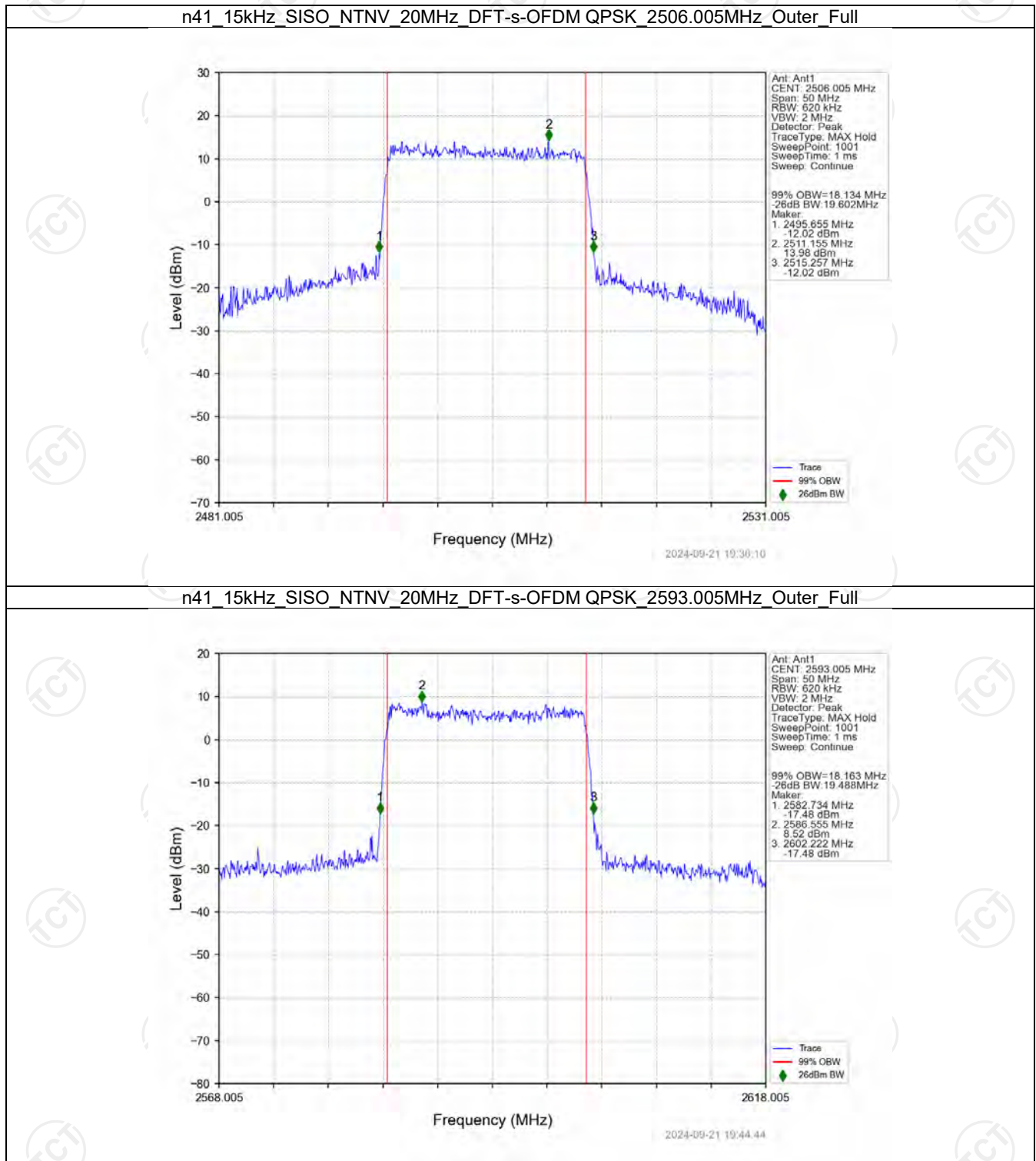
n41 15kHz SISO NTN 15MHz CP-OFDM 256 QAM 2593.005MHz Outer Full



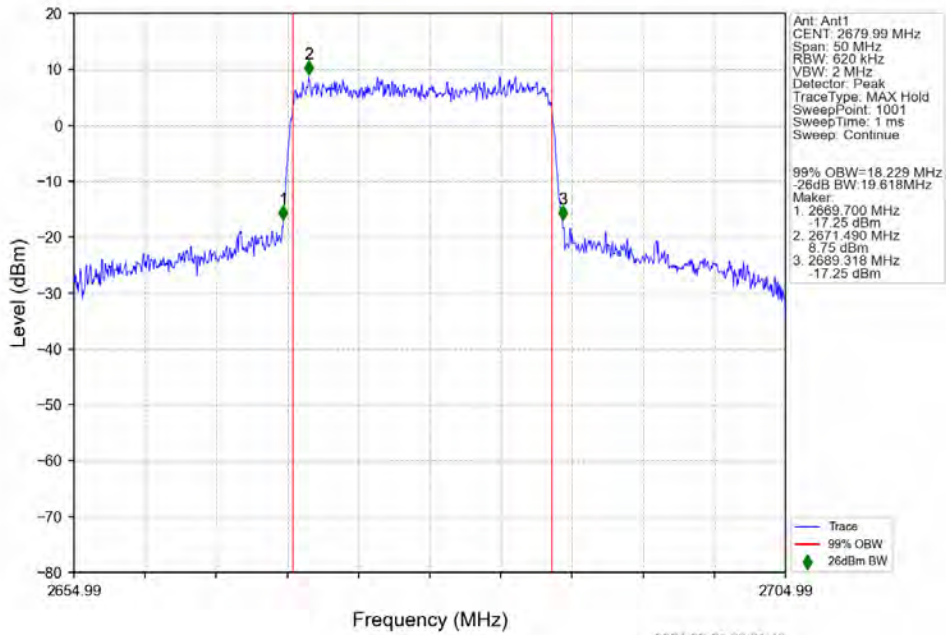
n41 15kHz SISO NTN 15MHz CP-OFDM 256 QAM 2682.495MHz Outer Full



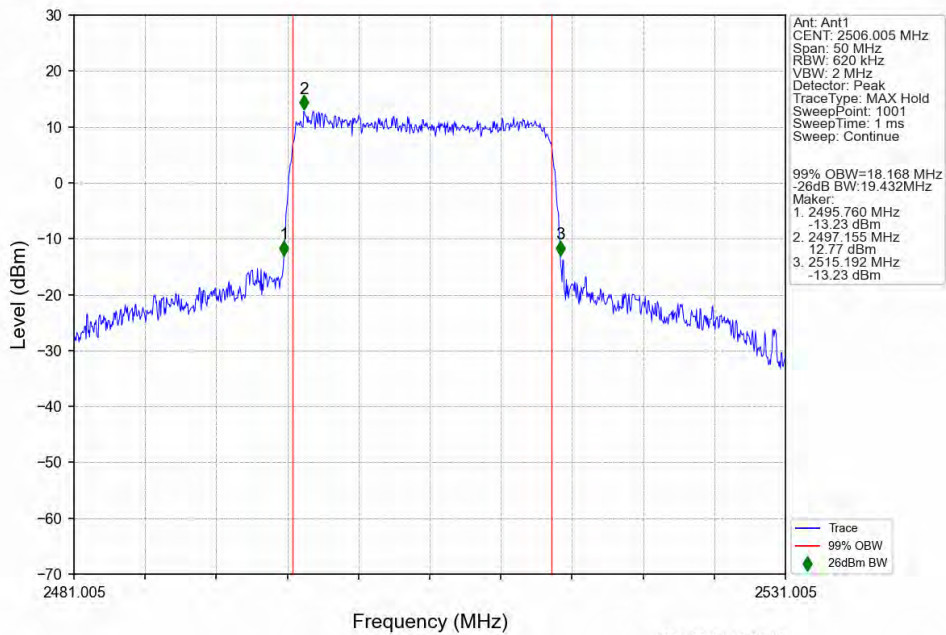
4.2.3 15k_SISO_20MHz_NTNV



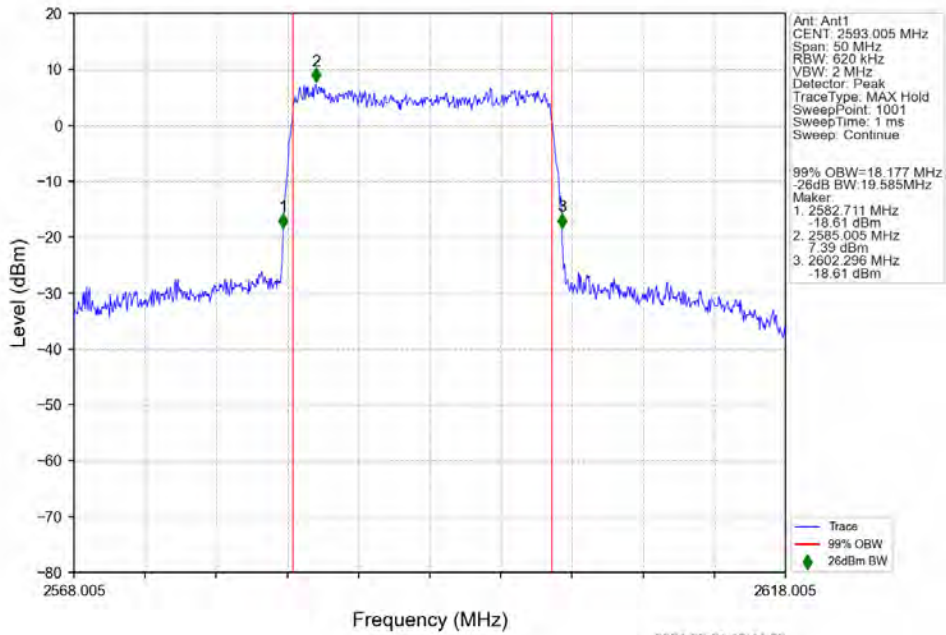
n41 15kHz SISO NTN 20MHz DFT-s-OFDM QPSK 2679.99MHz Outer Full



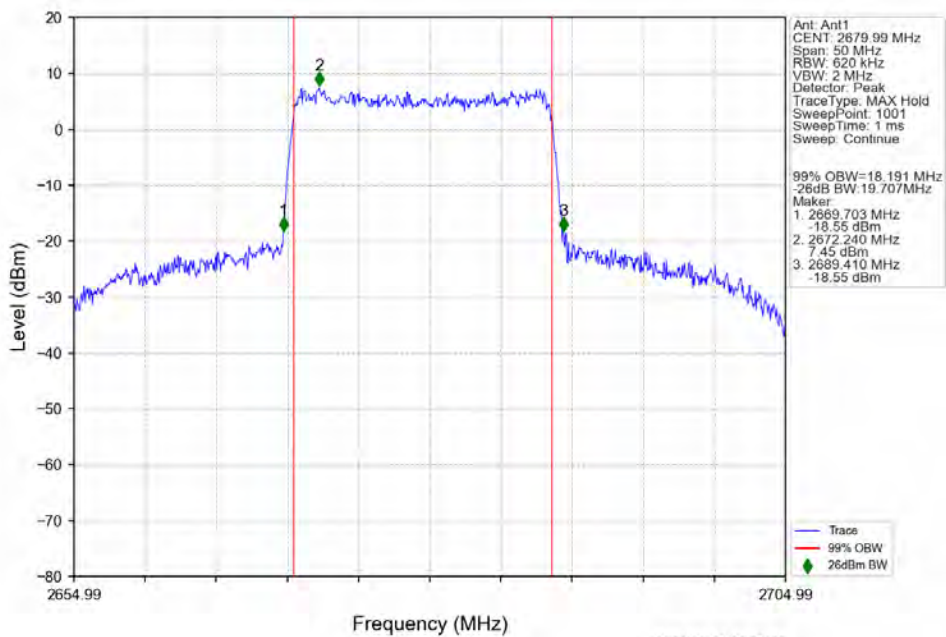
n41 15kHz SISO NTN 20MHz DFT-s-OFDM 16 QAM 2506.005MHz Outer Full



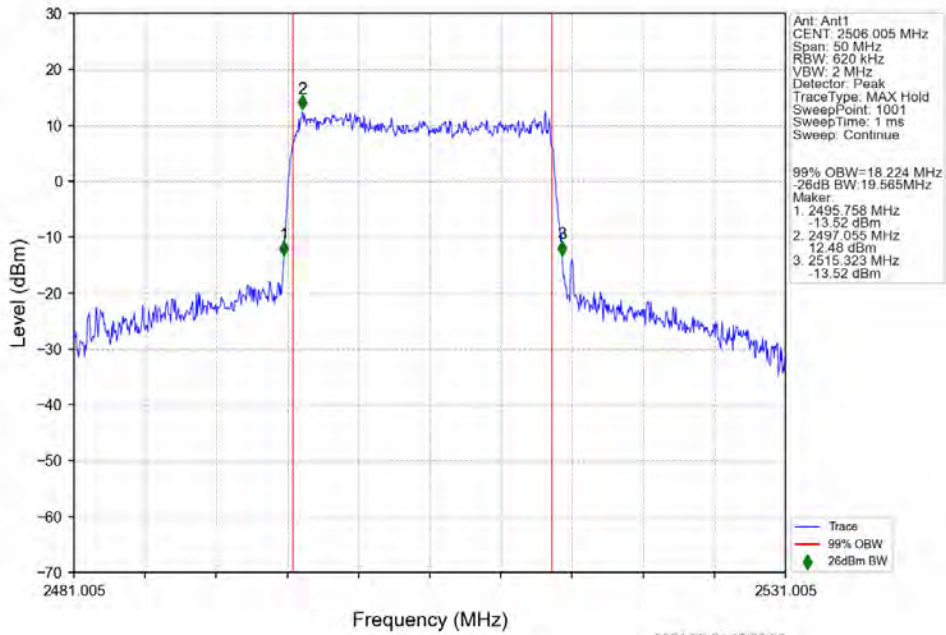
n41 15kHz SISO NTV 20MHz DFT-s-OFDM 16 QAM 2593.005MHz Outer Full



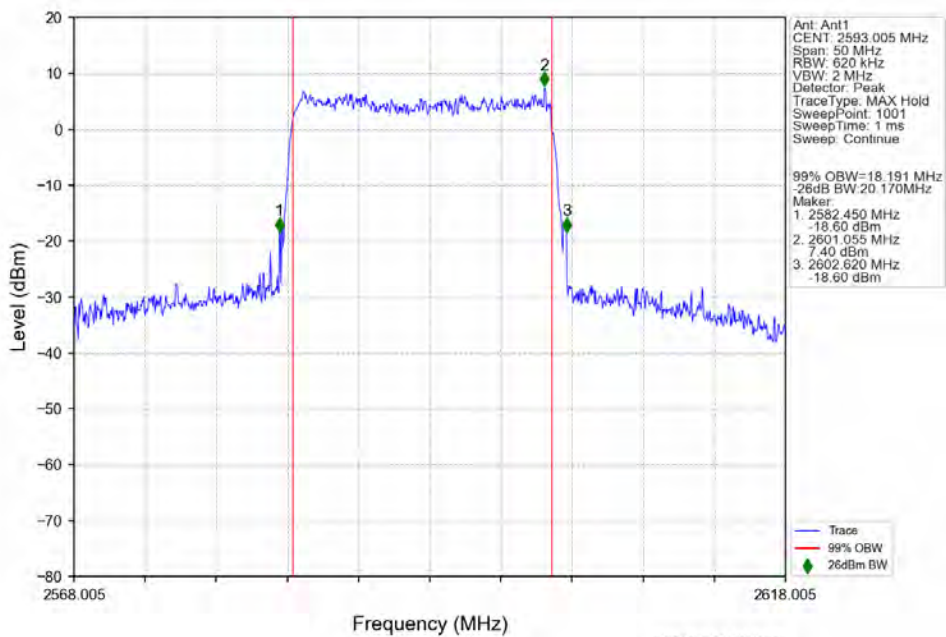
n41 15kHz SISO NTV 20MHz DFT-s-OFDM 16 QAM 2679.99MHz Outer Full



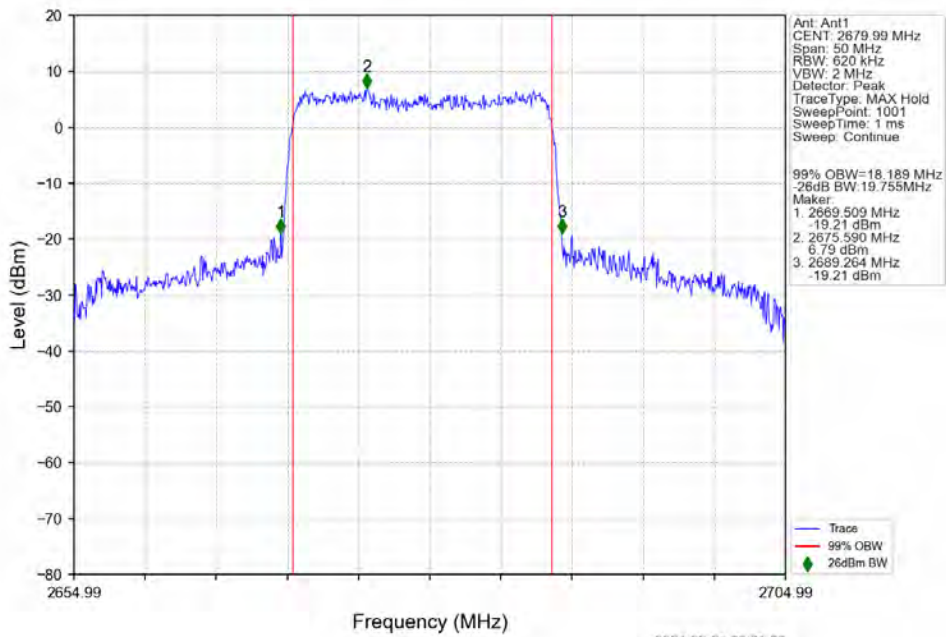
n41 15kHz SISO NTN 20MHz DFT-s-OFDM 64 QAM 2506.005MHz Outer Full



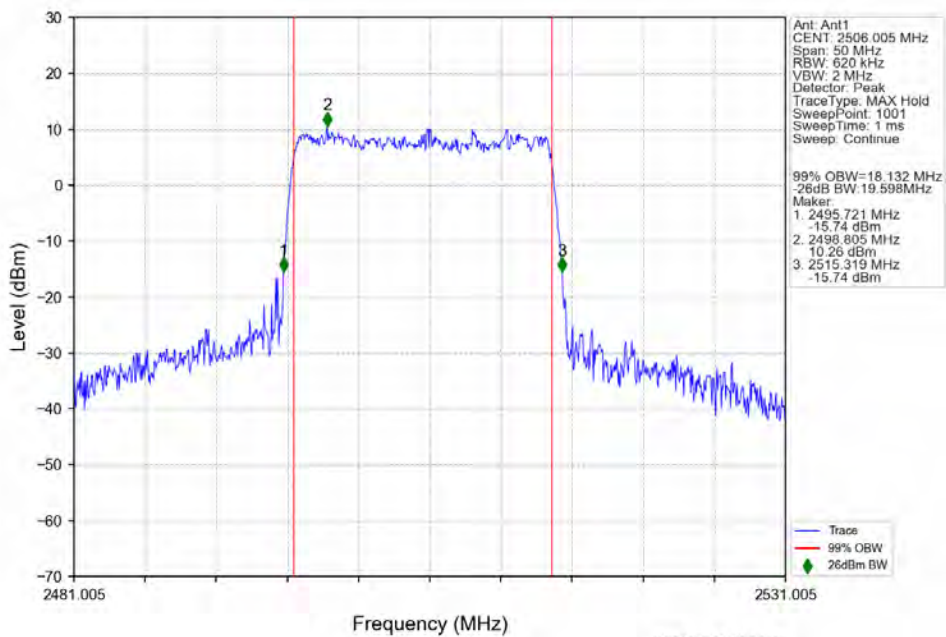
n41 15kHz SISO NTN 20MHz DFT-s-OFDM 64 QAM 2593.005MHz Outer Full



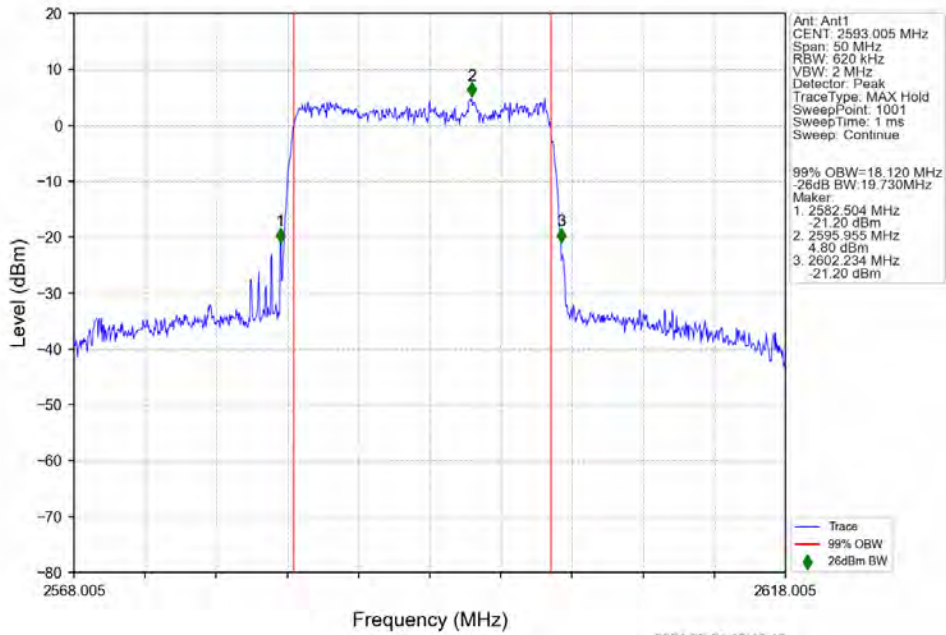
n41 15kHz SISO NTN 20MHz DFT-s-OFDM 64 QAM 2679.99MHz Outer Full



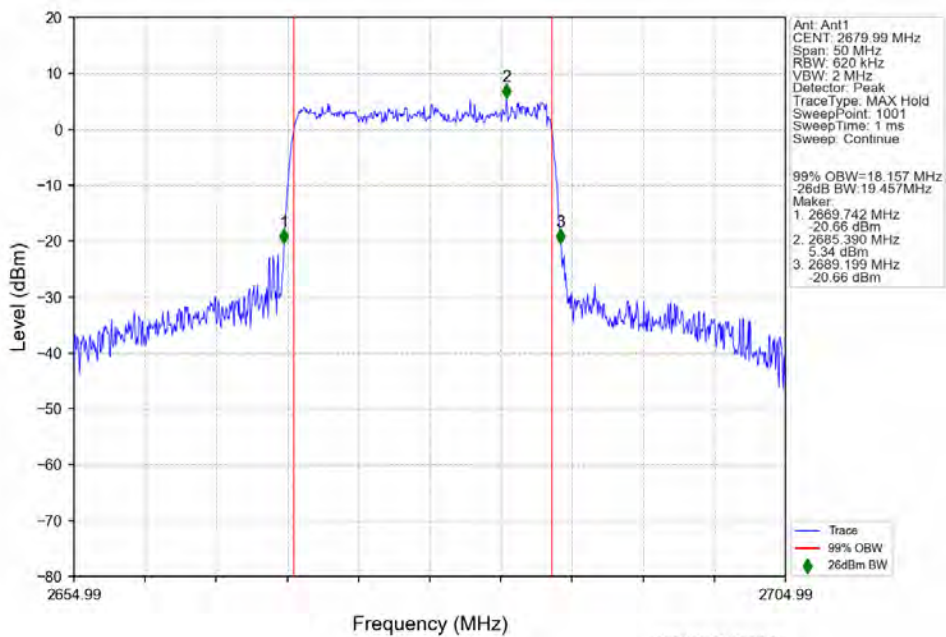
n41 15kHz SISO NTN 20MHz DFT-s-OFDM 256 QAM 2506.005MHz Outer Full



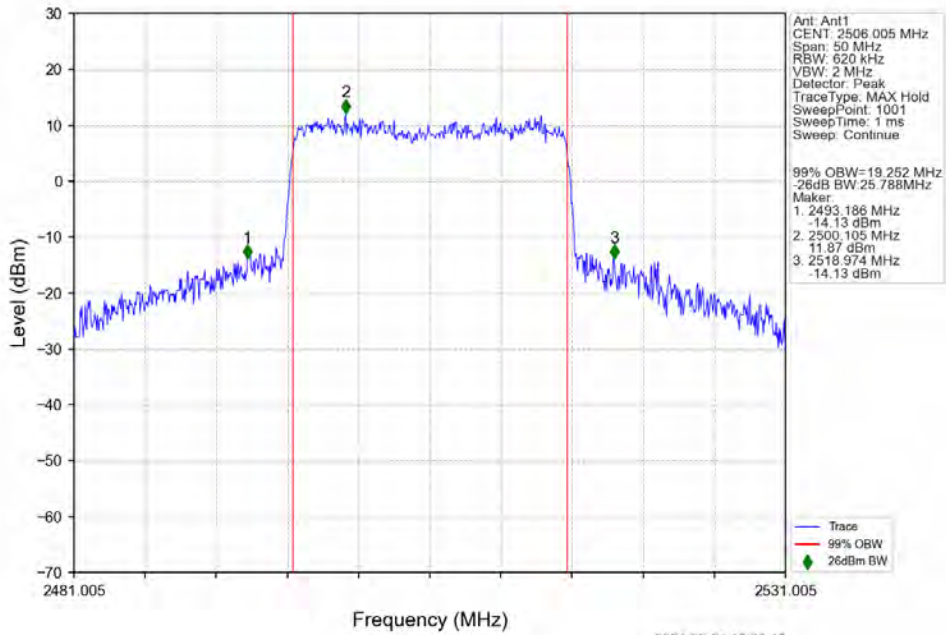
n41 15kHz SISO NTN 20MHz DFT-s-OFDM 256 QAM 2593.005MHz Outer Full



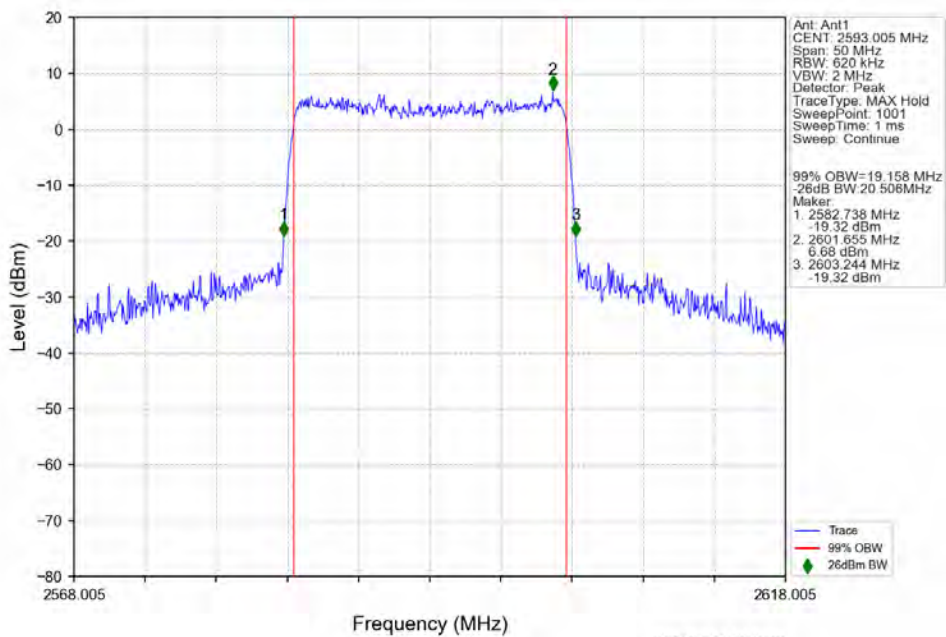
n41 15kHz SISO NTN 20MHz DFT-s-OFDM 256 QAM 2679.99MHz Outer Full



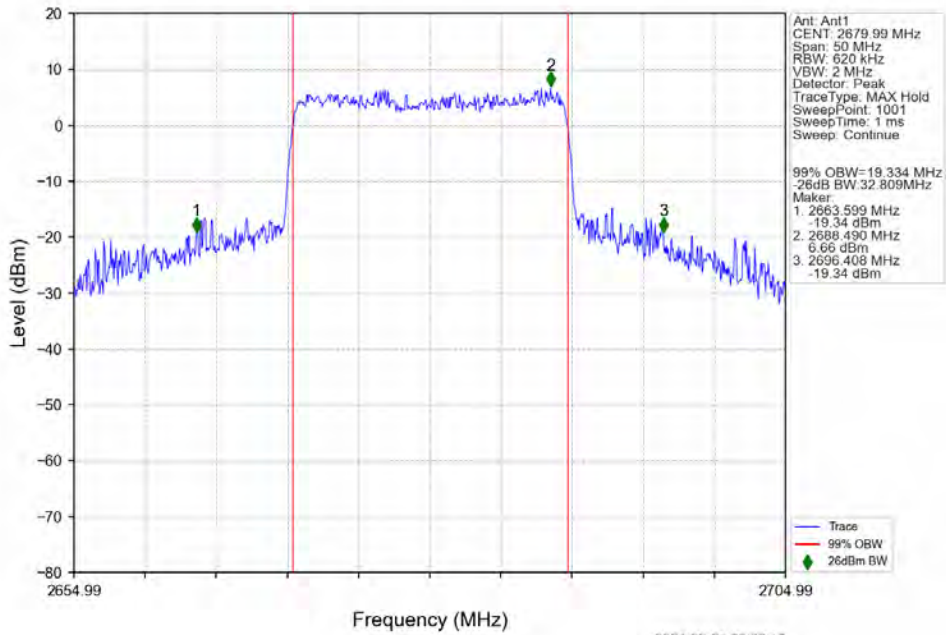
n41 15kHz SISO NTN 20MHz CP-OFDM QPSK 2506.005MHz Outer Full



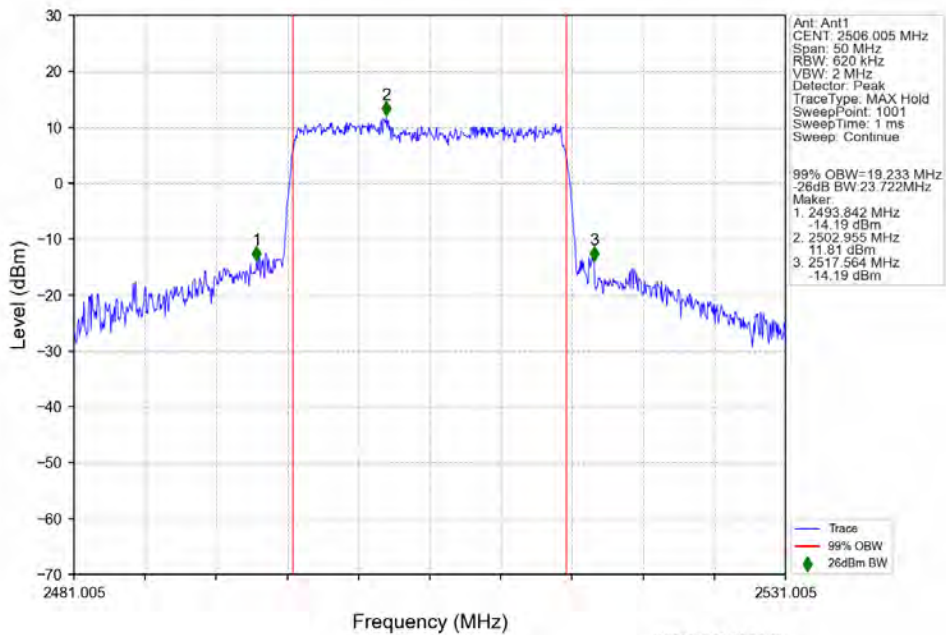
n41 15kHz SISO NTN 20MHz CP-OFDM QPSK 2593.005MHz Outer Full



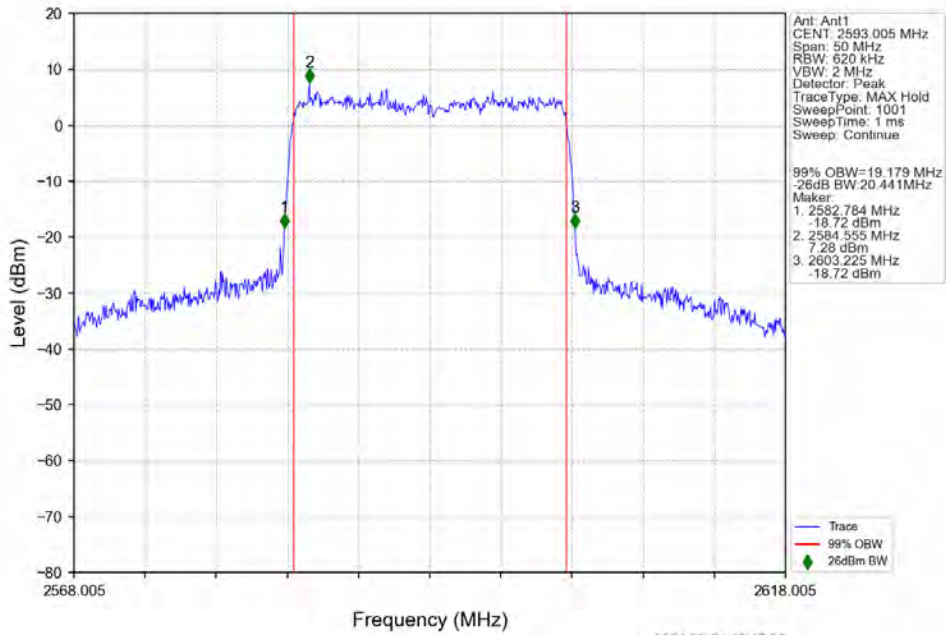
n41 15kHz SISO NTVN 20MHz CP-OFDM QPSK 2679.99MHz Outer Full



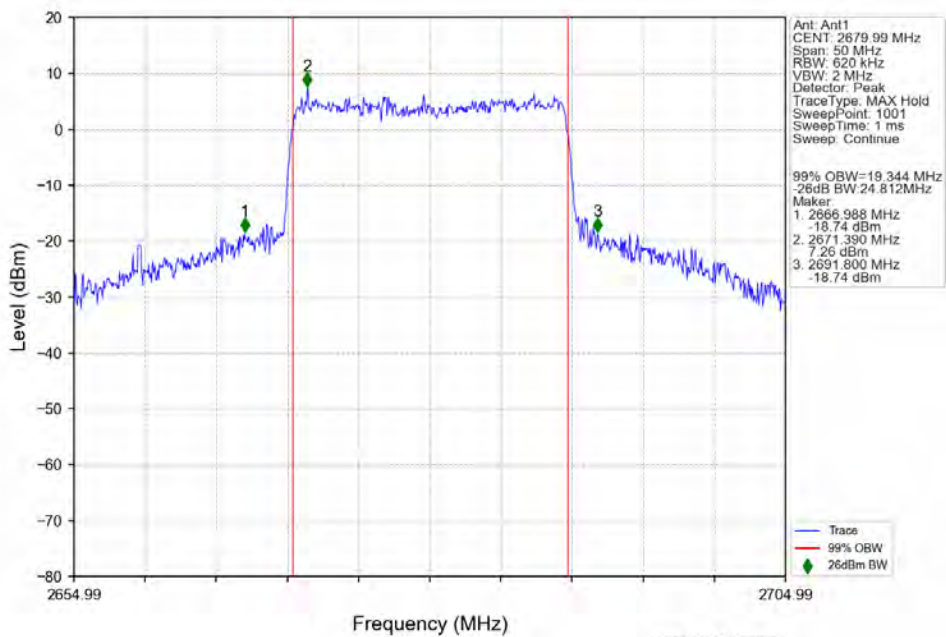
n41 15kHz SISO NTVN 20MHz CP-OFDM 16 QAM 2506.005MHz Outer Full



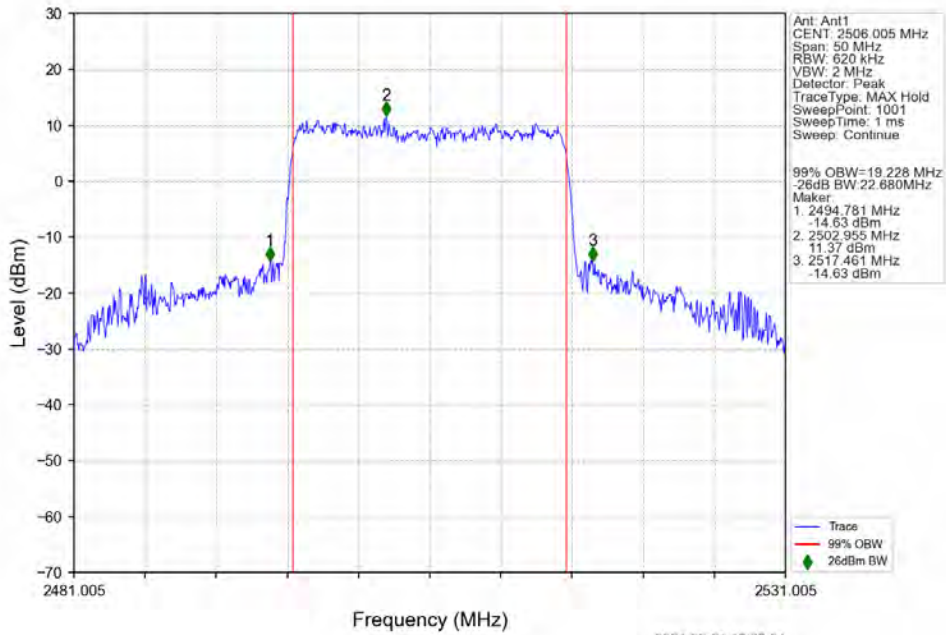
n41 15kHz SISO NTN 20MHz CP-OFDM 16 QAM 2593.005MHz Outer Full



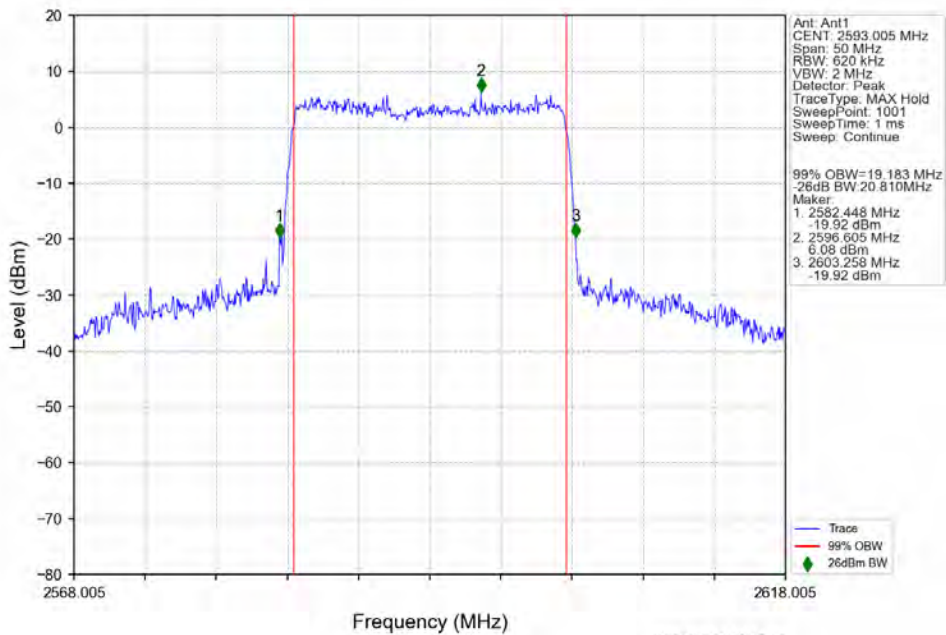
n41 15kHz SISO NTN 20MHz CP-OFDM 16 QAM 2679.99MHz Outer Full



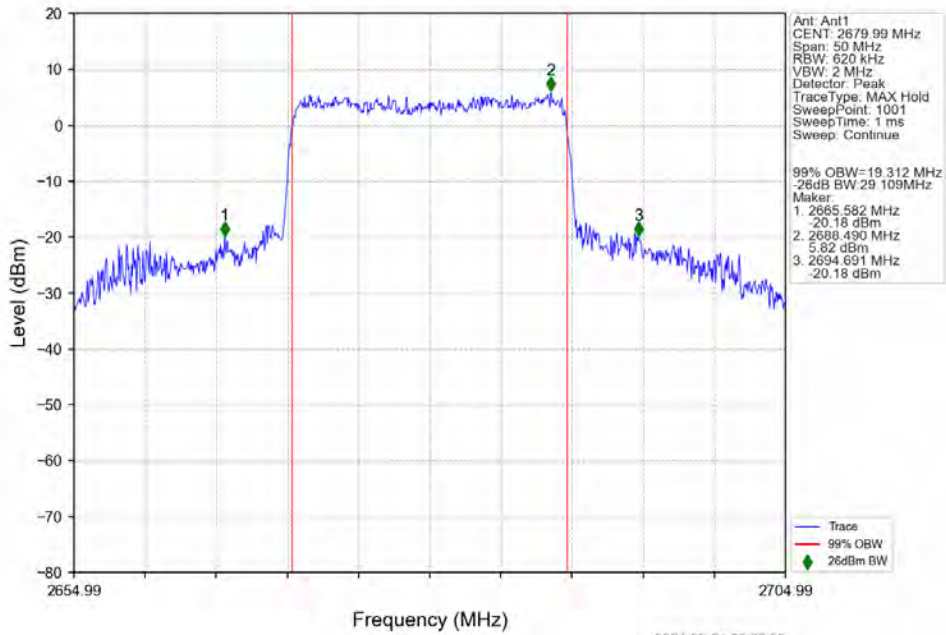
n41 15kHz SISO NTN 20MHz CP-OFDM 64 QAM 2506.005MHz Outer Full



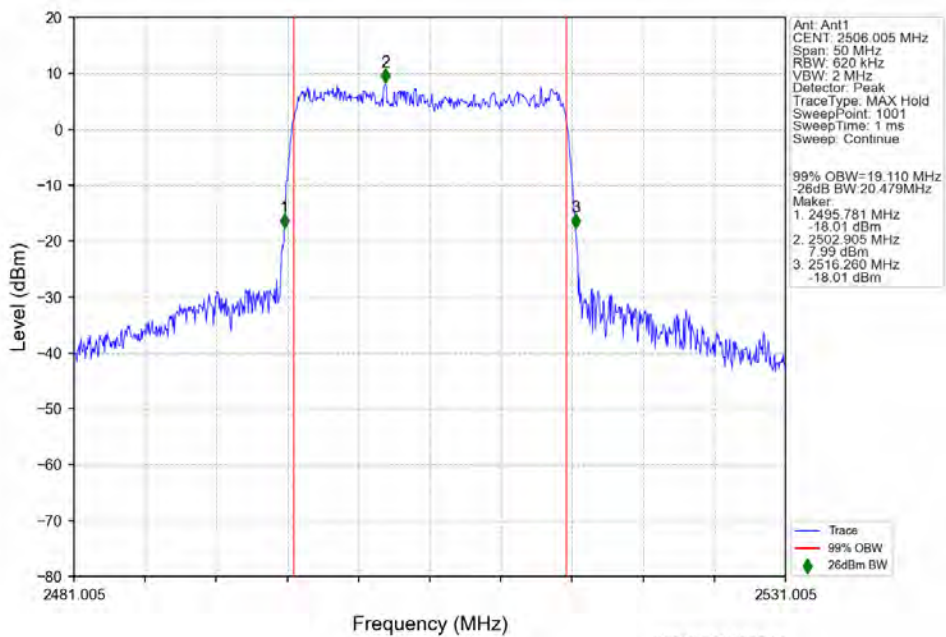
n41 15kHz SISO NTN 20MHz CP-OFDM 64 QAM 2593.005MHz Outer Full



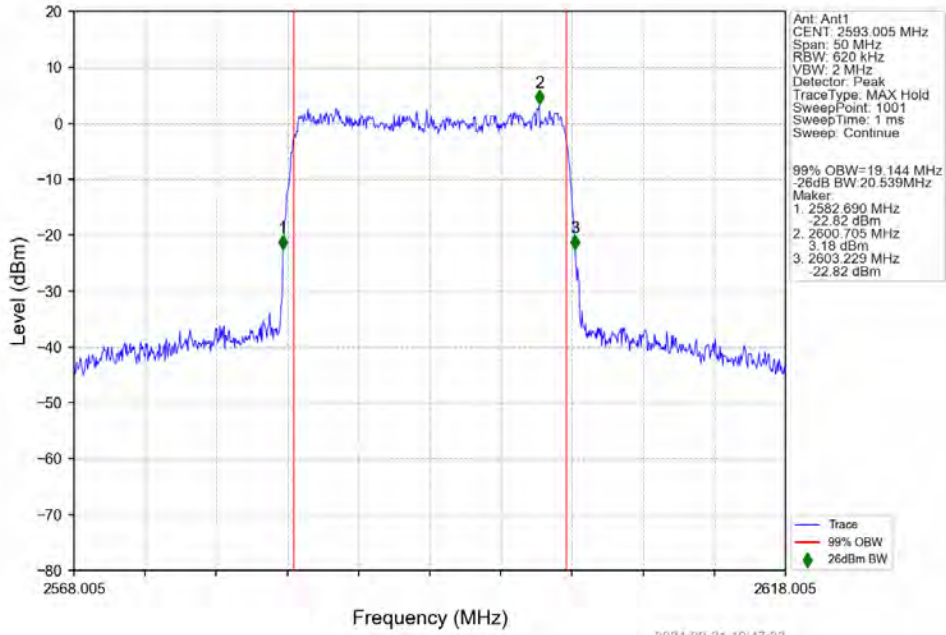
n41 15kHz SISO NTN 20MHz CP-OFDM 64 QAM 2679.99MHz Outer Full



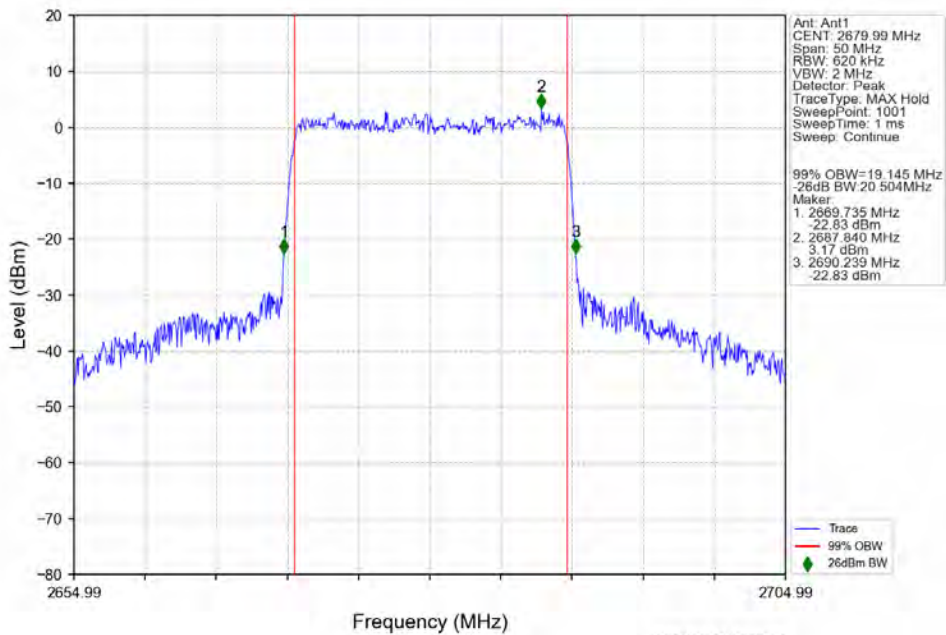
n41 15kHz SISO NTN 20MHz CP-OFDM 256 QAM 2506.005MHz Outer Full



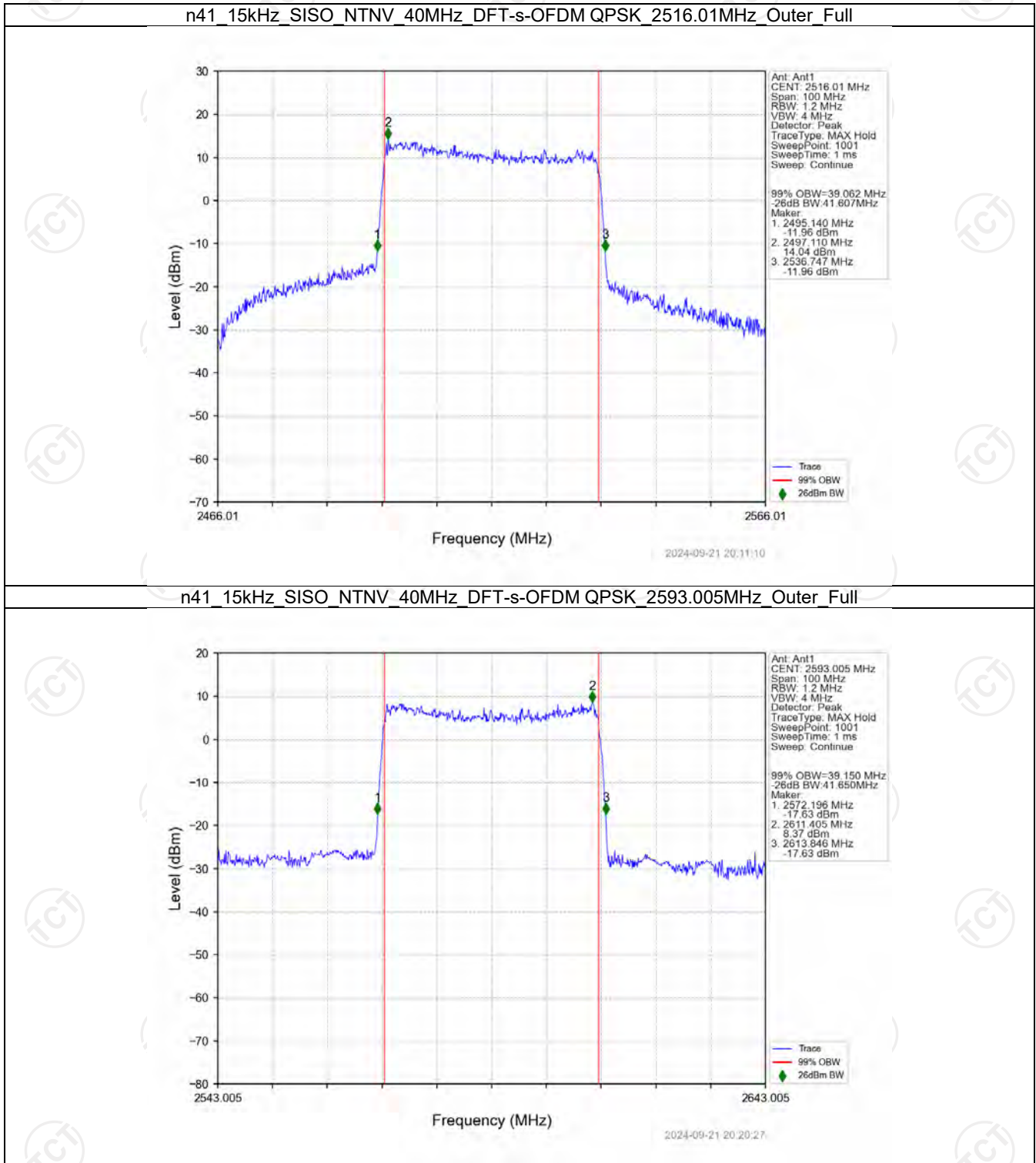
n41 15kHz SISO NTN 20MHz CP-OFDM 256 QAM 2593.005MHz Outer Full



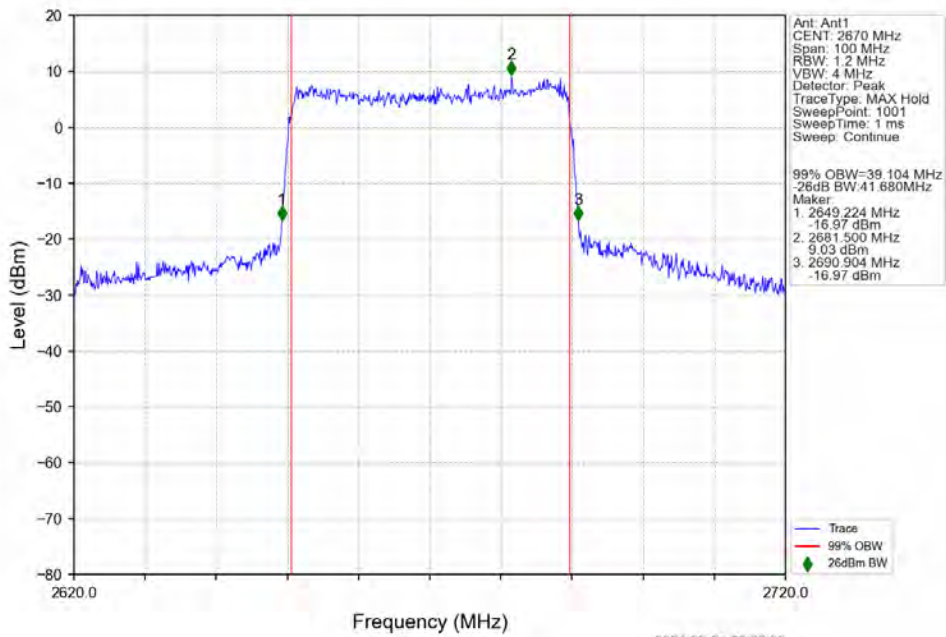
n41 15kHz SISO NTN 20MHz CP-OFDM 256 QAM 2679.99MHz Outer Full



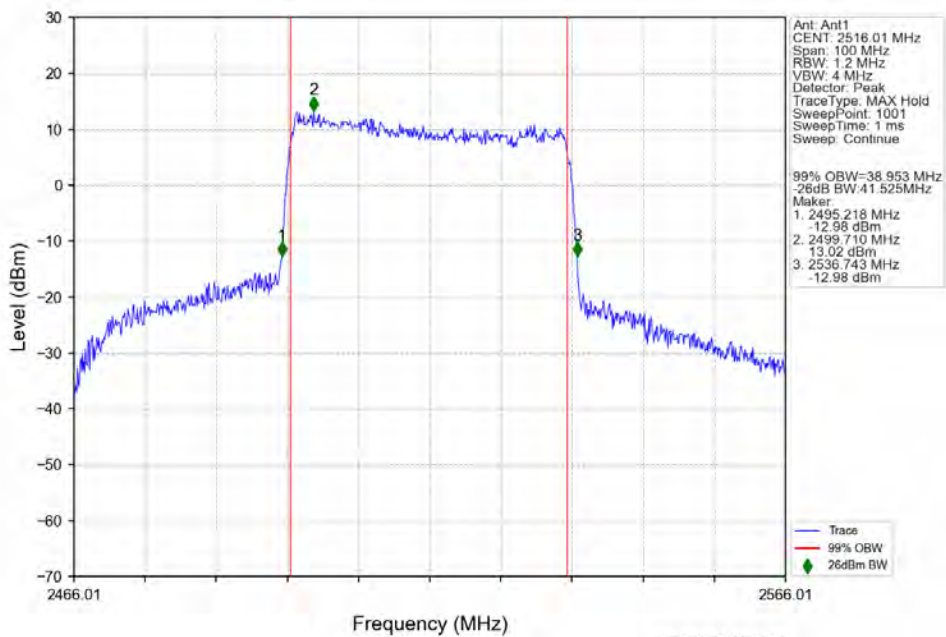
4.2.4 15k_SISO_40MHz_NTNV



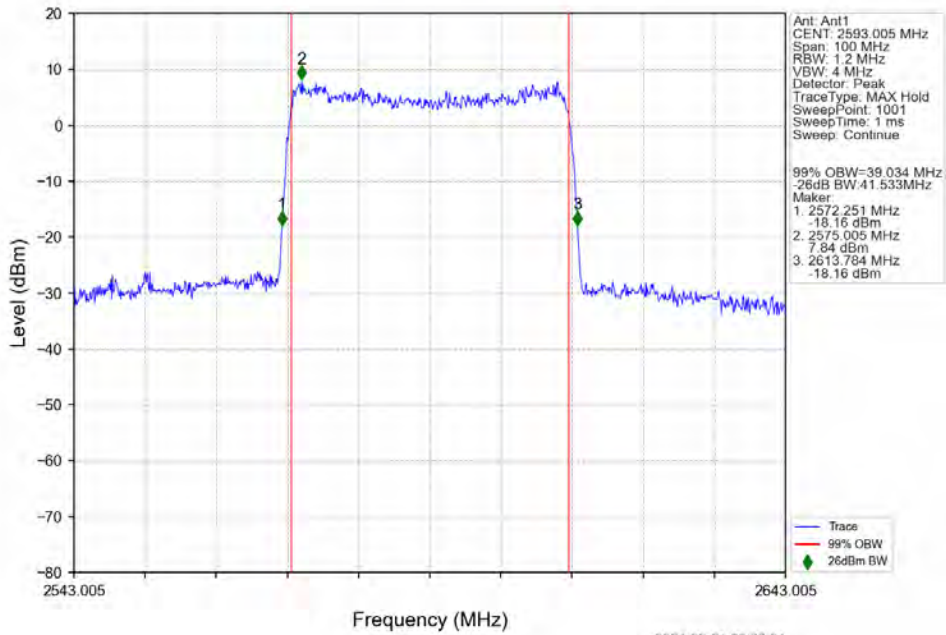
n41 15kHz SISO NTV 40MHz DFT-s-OFDM QPSK 2670MHz Outer Full



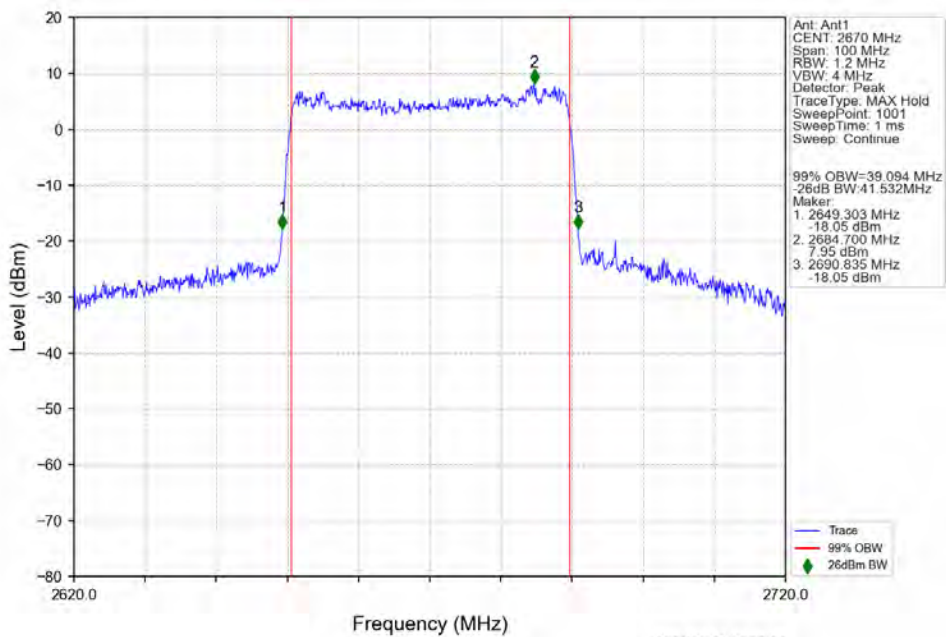
n41 15kHz SISO NTV 40MHz DFT-s-OFDM 16 QAM 2516.01MHz Outer Full



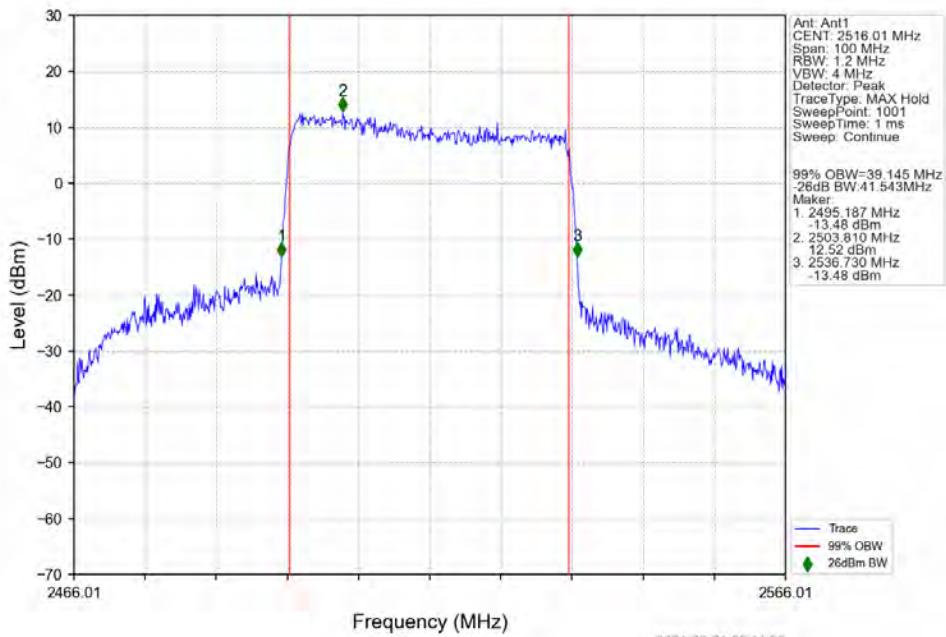
n41 15kHz SISO NTN 40MHz DFT-s-OFDM 16 QAM 2593.005MHz Outer Full



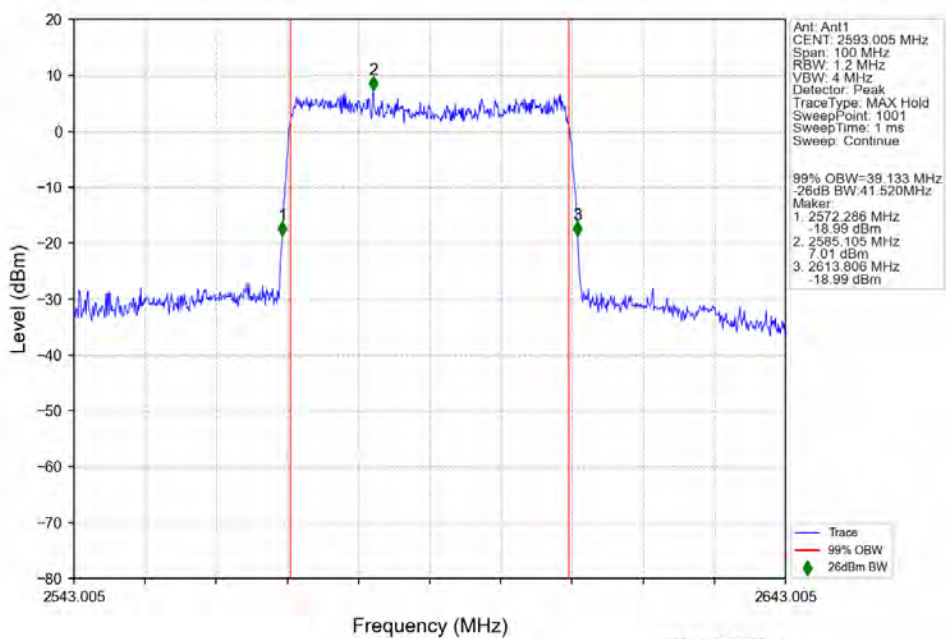
n41 15kHz SISO NTN 40MHz DFT-s-OFDM 16 QAM 2670MHz Outer Full



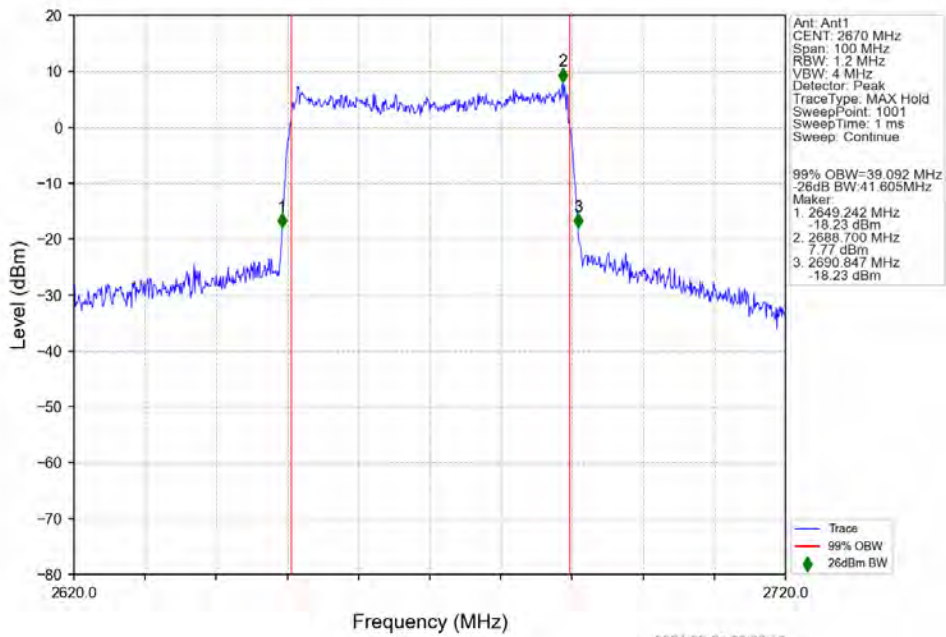
n41 15kHz SISO NTV 40MHz DFT-s-OFDM 64 QAM 2516.01MHz Outer Full



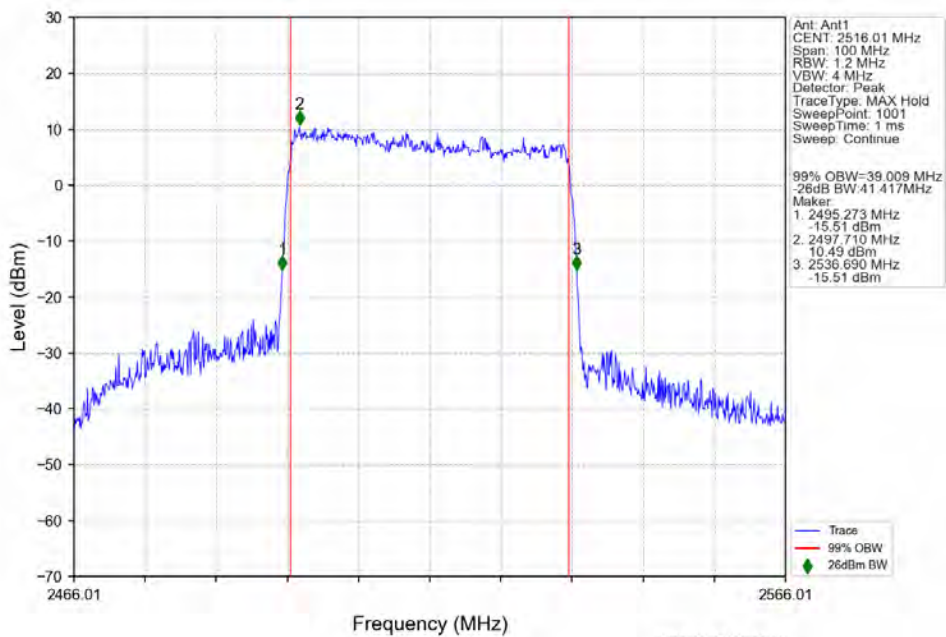
n41 15kHz SISO NTV 40MHz DFT-s-OFDM 64 QAM 2593.005MHz Outer Full



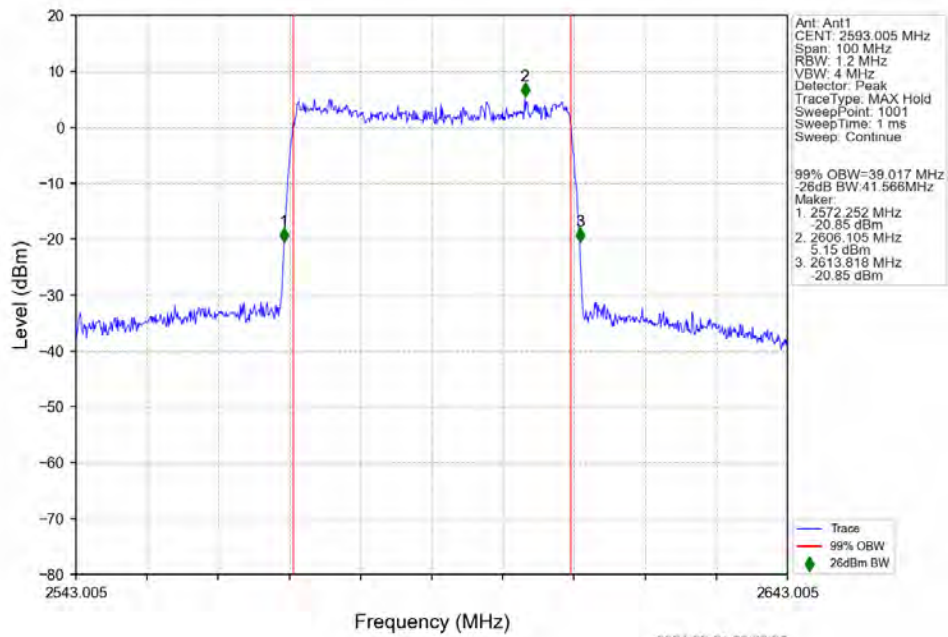
n41 15kHz SISO NTN 40MHz DFT-s-OFDM 64 QAM 2670MHz Outer Full



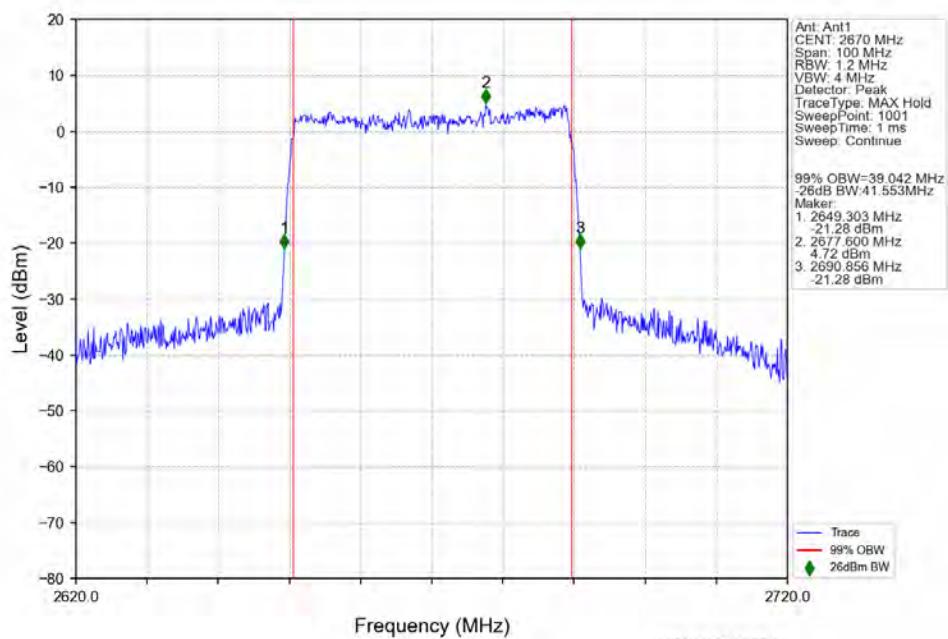
n41 15kHz SISO NTN 40MHz DFT-s-OFDM 256 QAM 2516.01MHz Outer Full



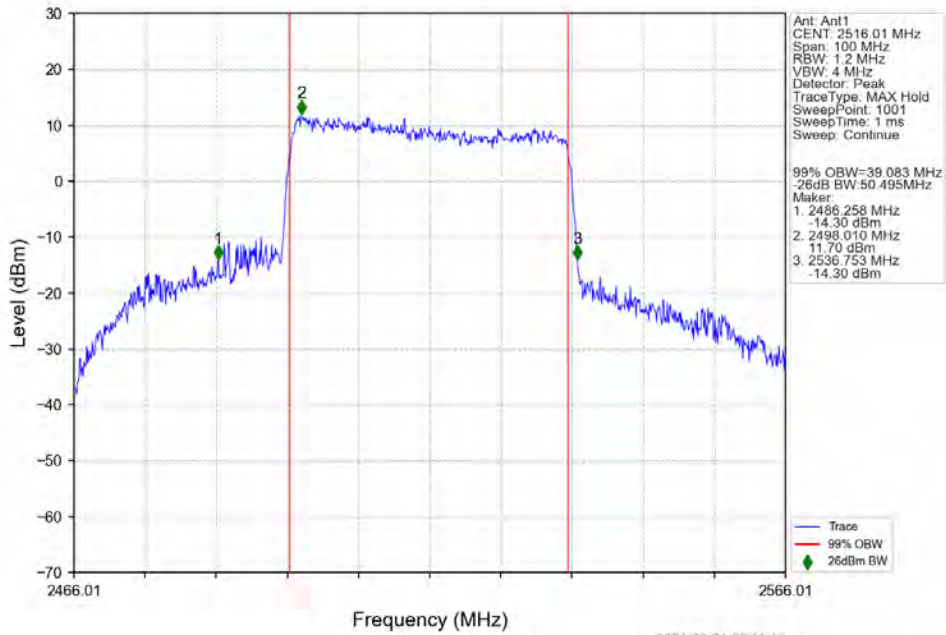
n41 15kHz SISO NTN 40MHz DFT-s-OFDM 256 QAM 2593.005MHz Outer Full



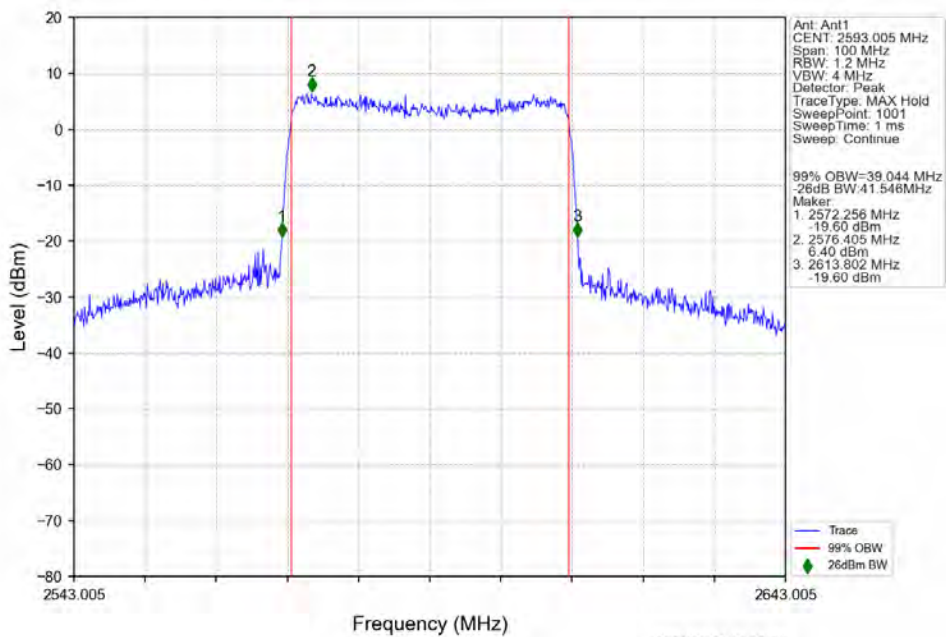
n41 15kHz SISO NTN 40MHz DFT-s-OFDM 256 QAM 2670MHz Outer Full



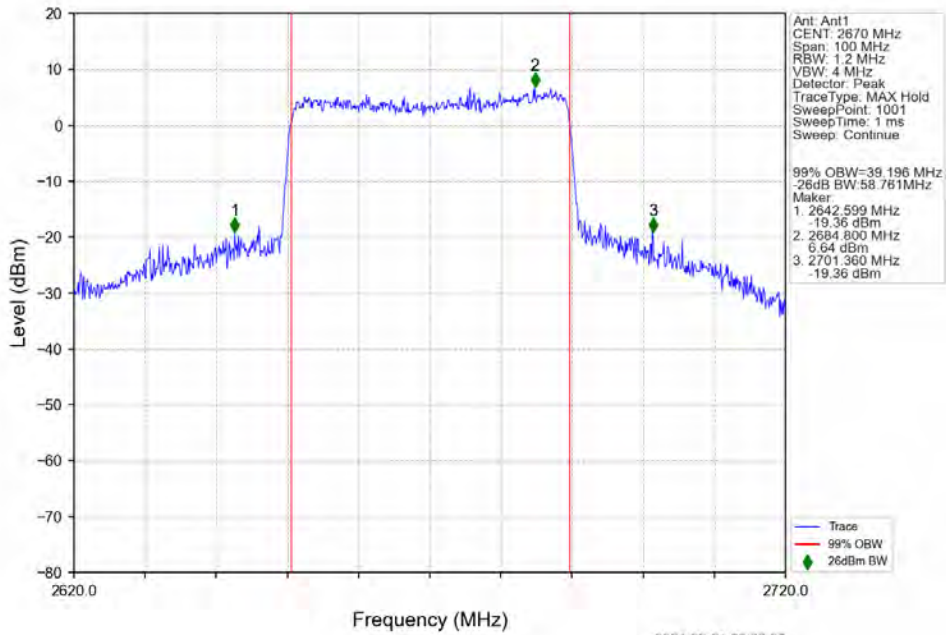
n41 15kHz SISO NTN 40MHz CP-OFDM QPSK 2516.01MHz Outer Full



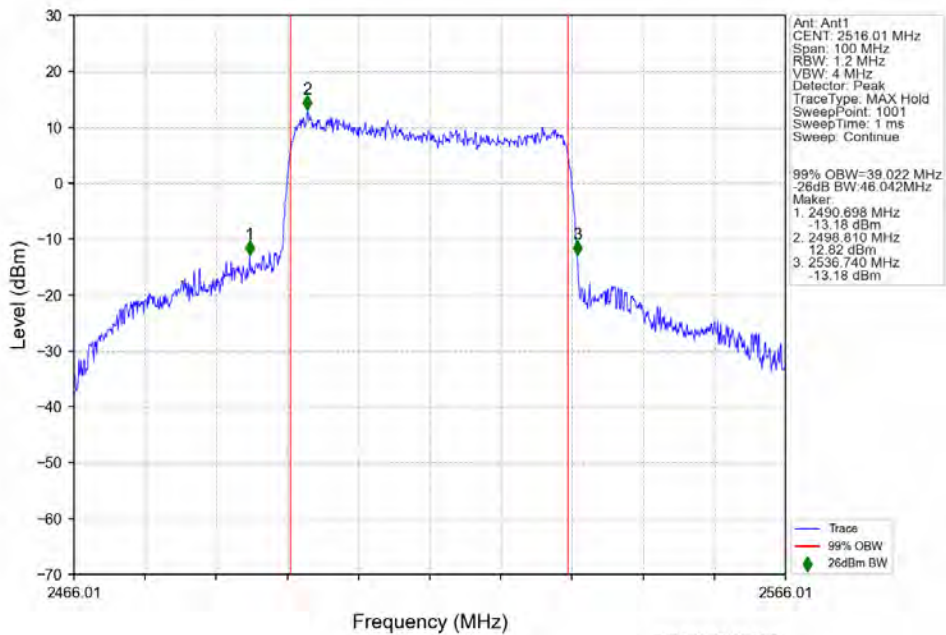
n41 15kHz SISO NTN 40MHz CP-OFDM QPSK 2593.005MHz Outer Full



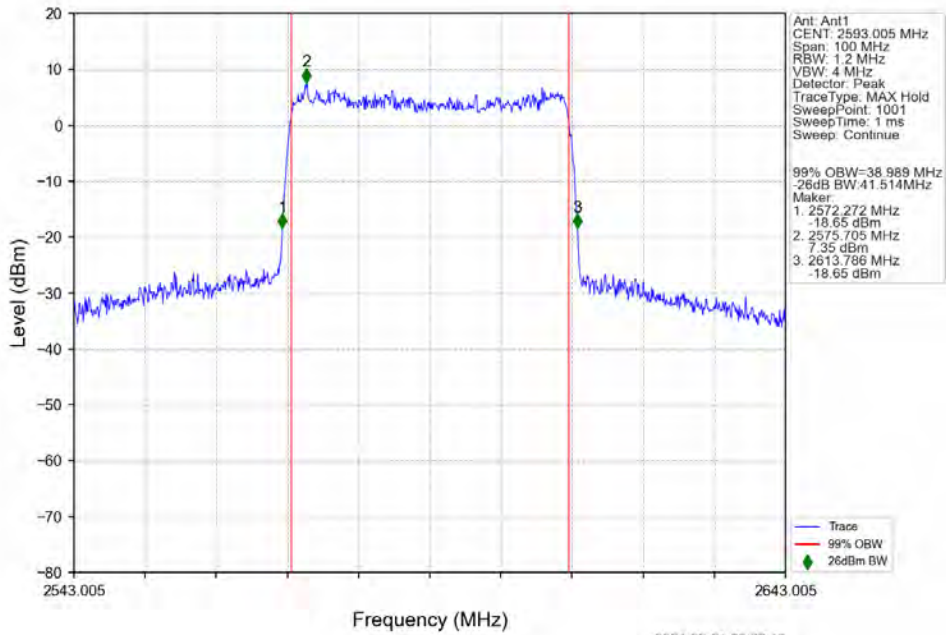
n41 15kHz SISO NTN 40MHz CP-OFDM QPSK 2670MHz Outer Full



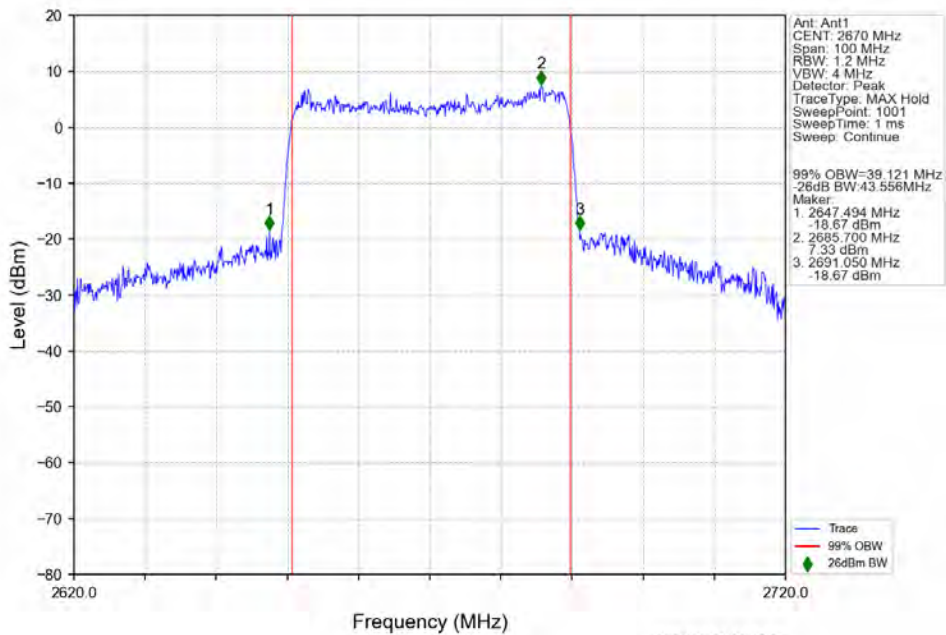
n41 15kHz SISO NTN 40MHz CP-OFDM 16 QAM 2516.01MHz Outer Full



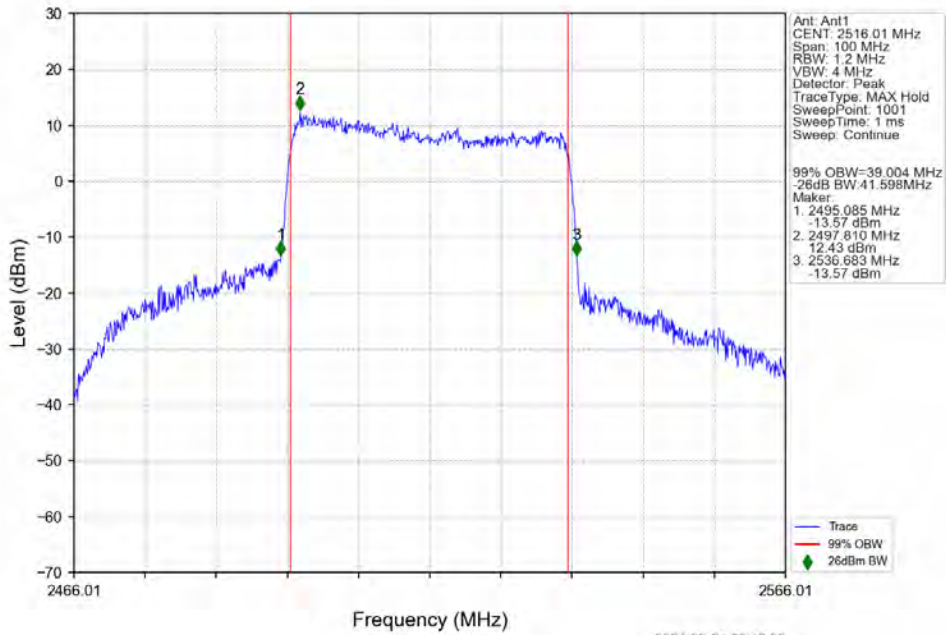
n41 15kHz SISO NTV 40MHz CP-OFDM 16 QAM 2593.005MHz Outer Full



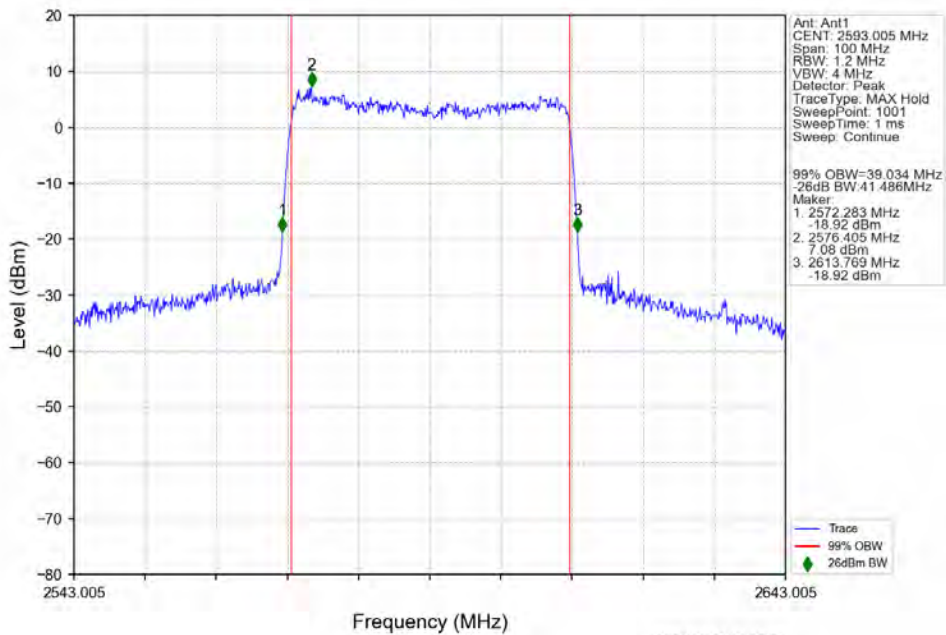
n41 15kHz SISO NTV 40MHz CP-OFDM 16 QAM 2670MHz Outer Full



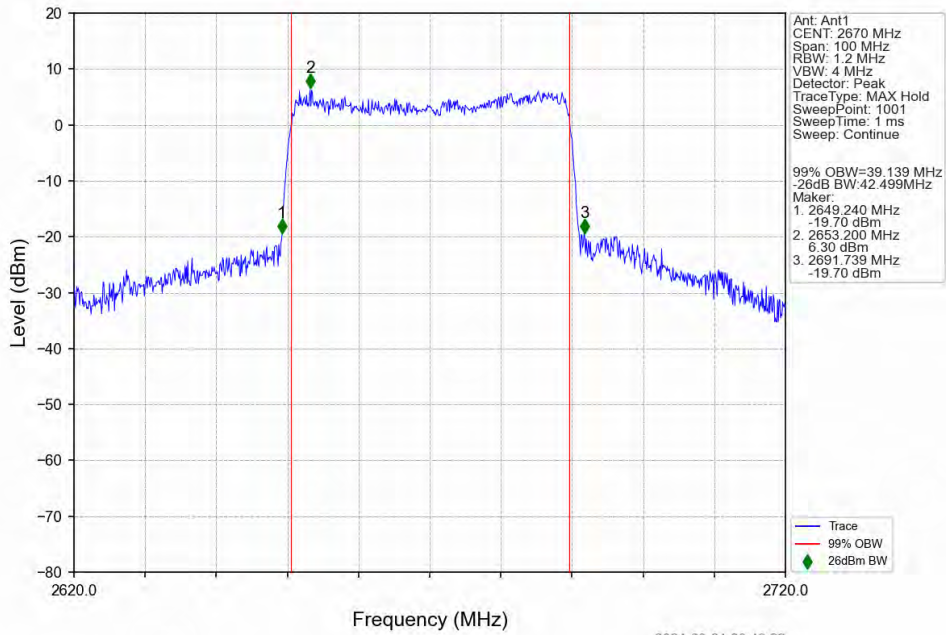
n41 15kHz SISO NTN 40MHz CP-OFDM 64 QAM 2516.01MHz Outer Full



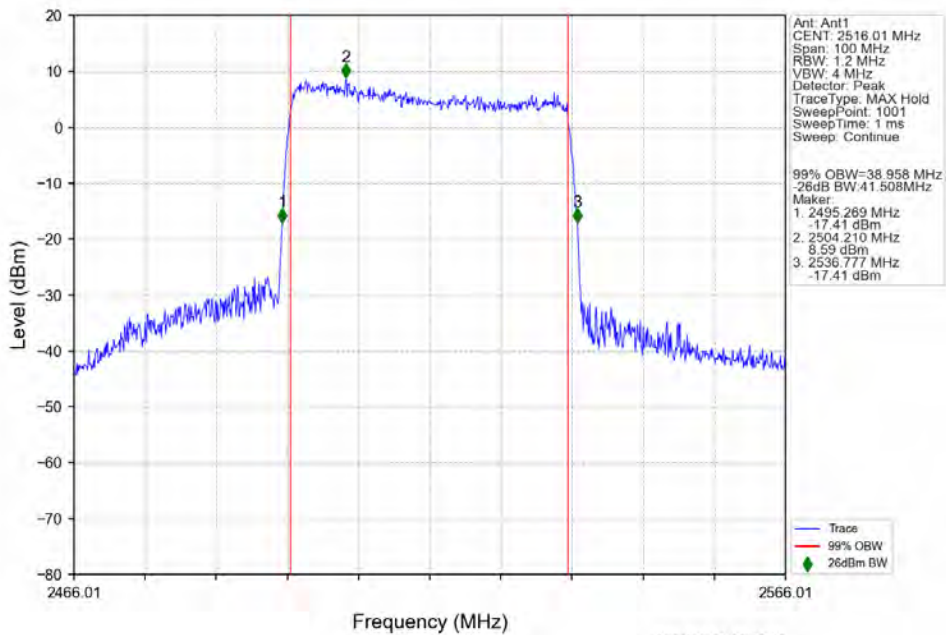
n41 15kHz SISO NTN 40MHz CP-OFDM 64 QAM 2593.005MHz Outer Full



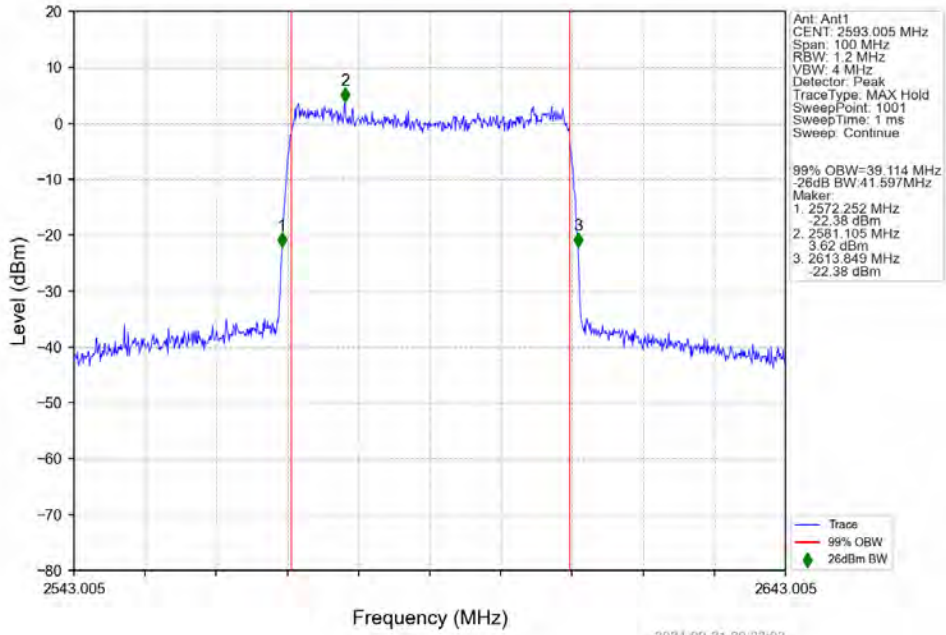
n41 15kHz SISO NTV 40MHz CP-OFDM 64 QAM 2670MHz Outer Full



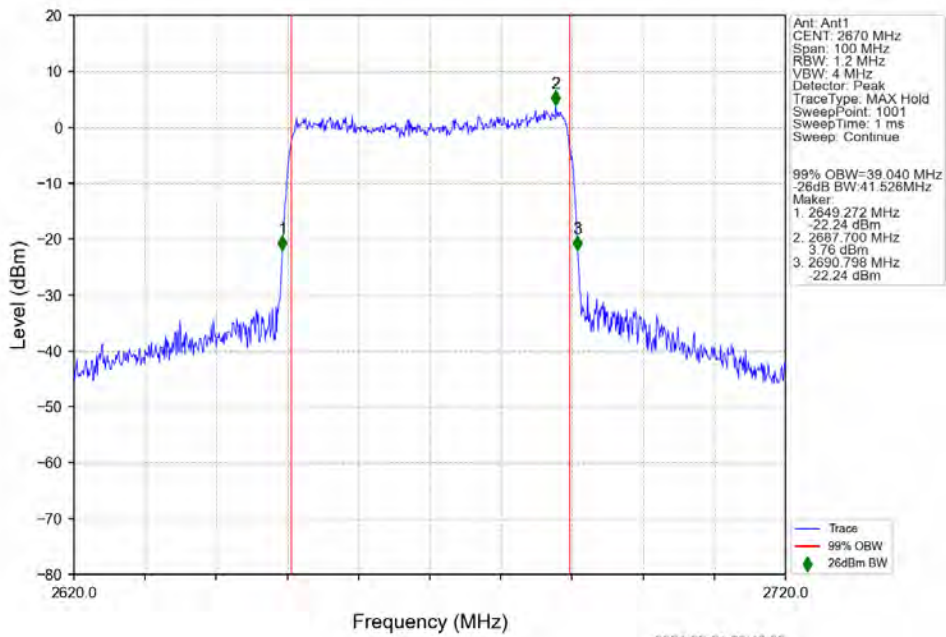
n41 15kHz SISO NTV 40MHz CP-OFDM 256 QAM 2516.01MHz Outer Full



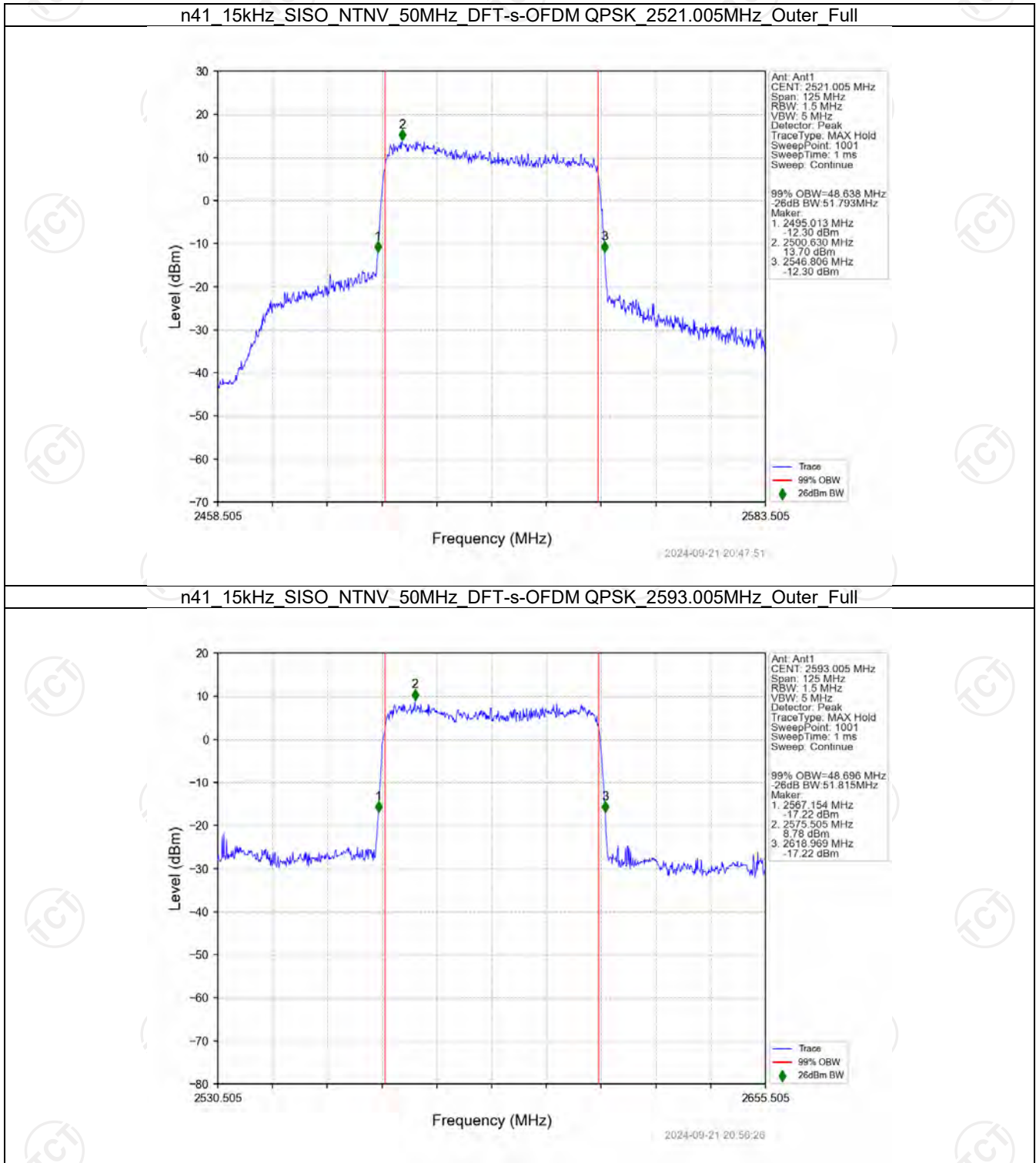
n41 15kHz SISO NTV 40MHz CP-OFDM 256 QAM 2593.005MHz Outer Full



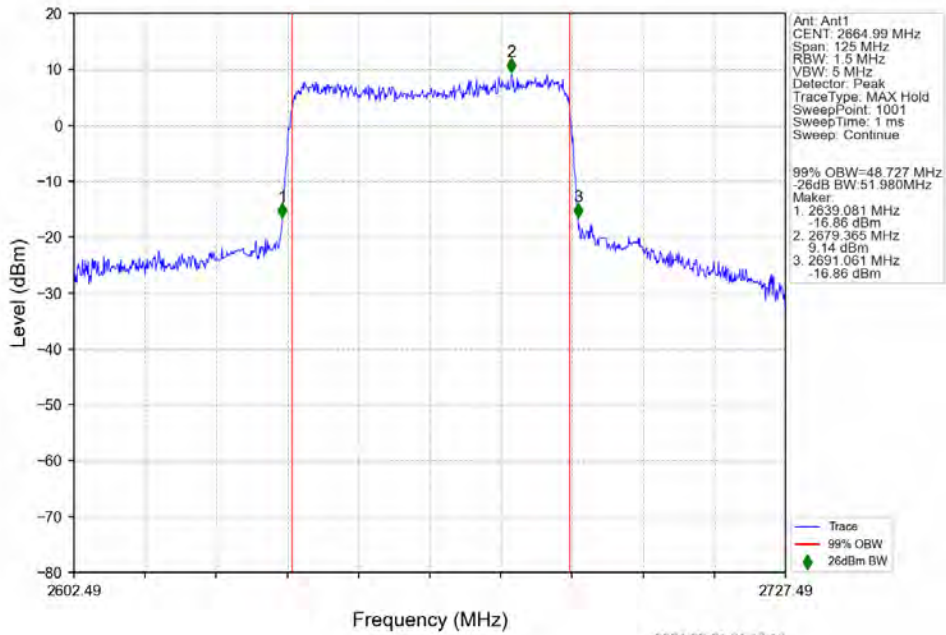
n41 15kHz SISO NTV 40MHz CP-OFDM 256 QAM 2670MHz Outer Full



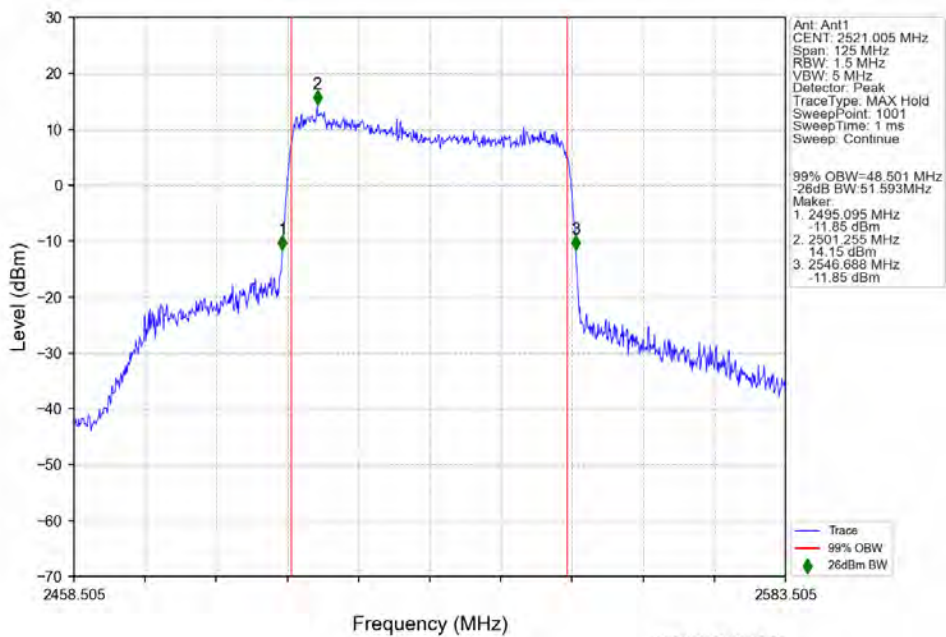
4.2.5 15k_SISO_50MHz_NTNV



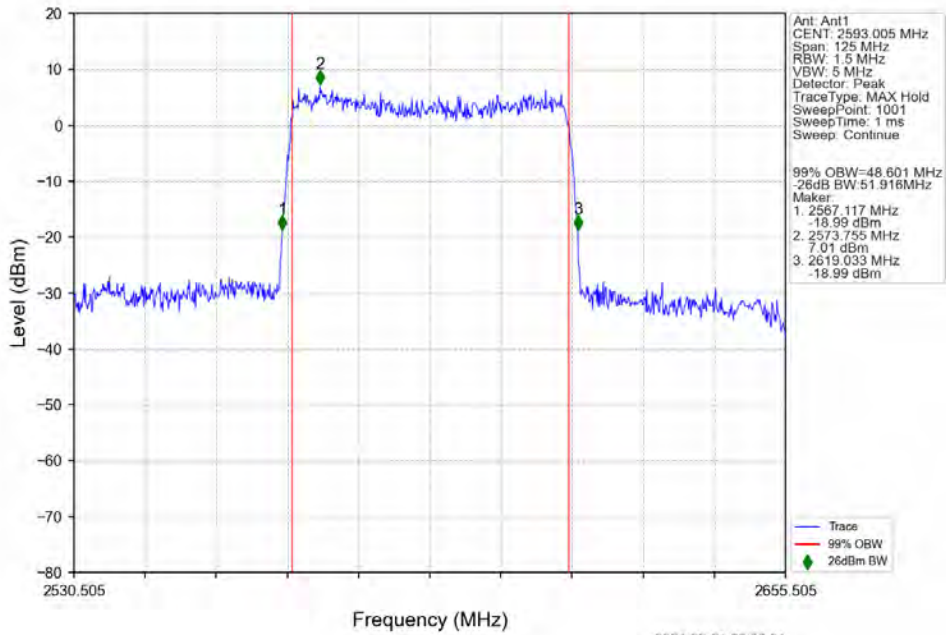
n41 15kHz SISO NTN 50MHz DFT-s-OFDM QPSK 2664.99MHz Outer Full



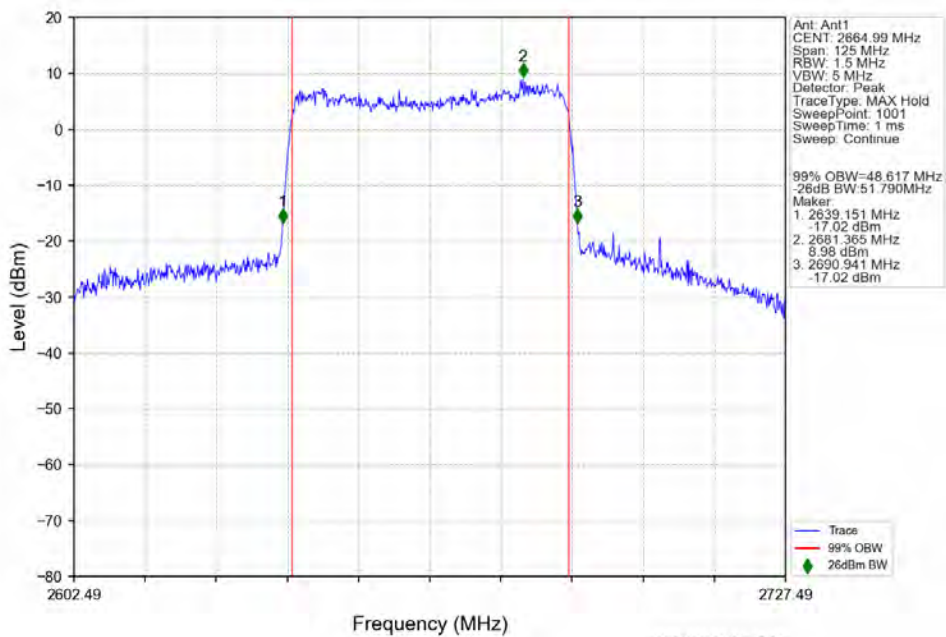
n41 15kHz SISO NTN 50MHz DFT-s-OFDM 16 QAM 2521.005MHz Outer Full



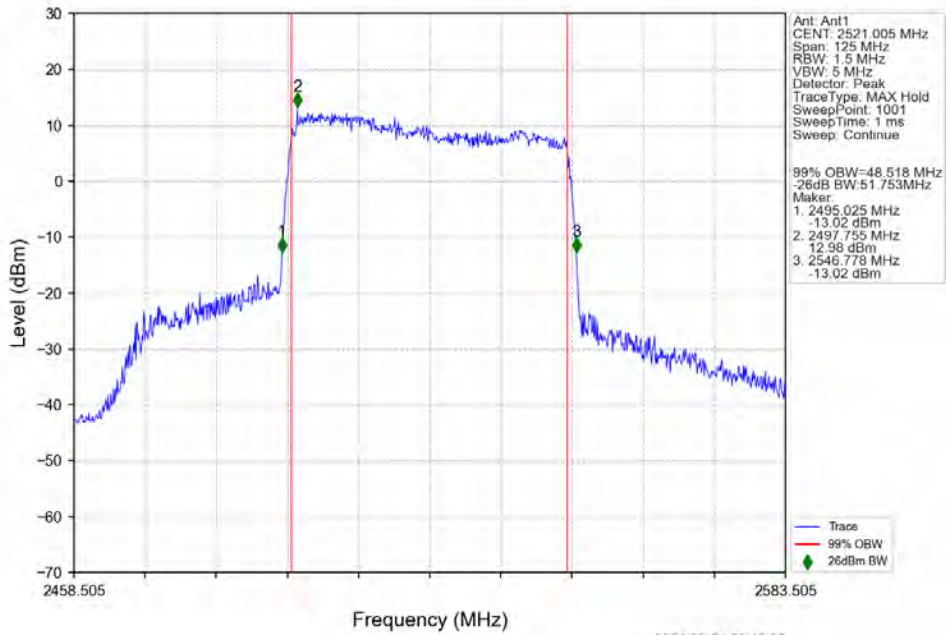
n41 15kHz SISO NTN 50MHz DFT-s-OFDM 16 QAM 2593.005MHz Outer Full



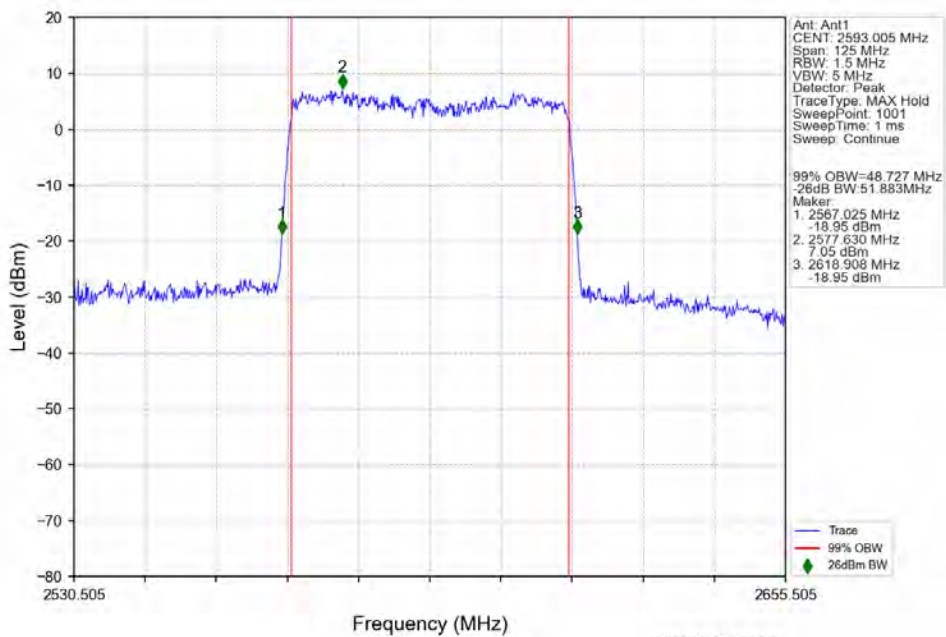
n41 15kHz SISO NTN 50MHz DFT-s-OFDM 16 QAM 2664.99MHz Outer Full



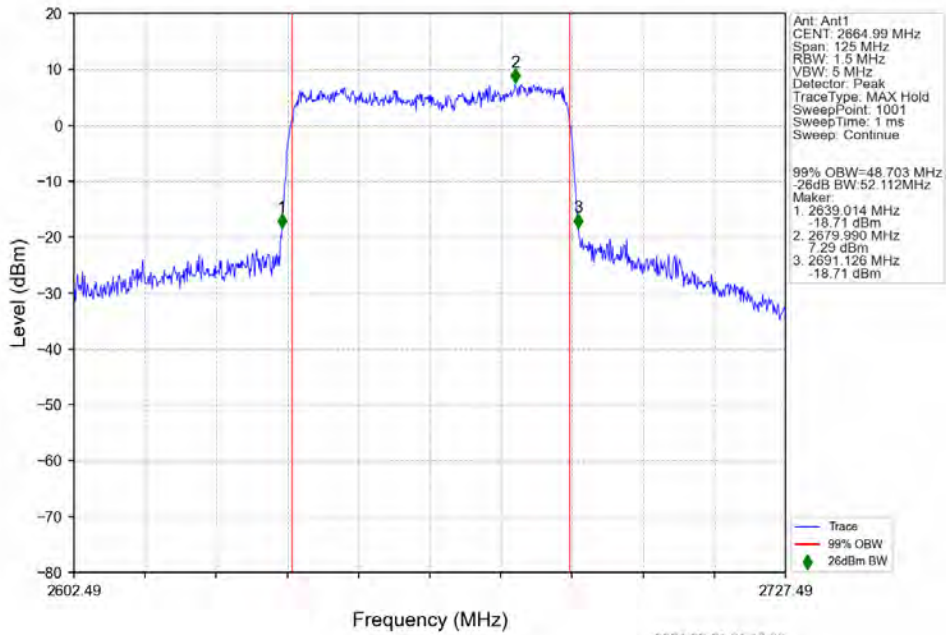
n41 15kHz SISO NTN 50MHz DFT-s-OFDM 64 QAM 2521.005MHz Outer Full



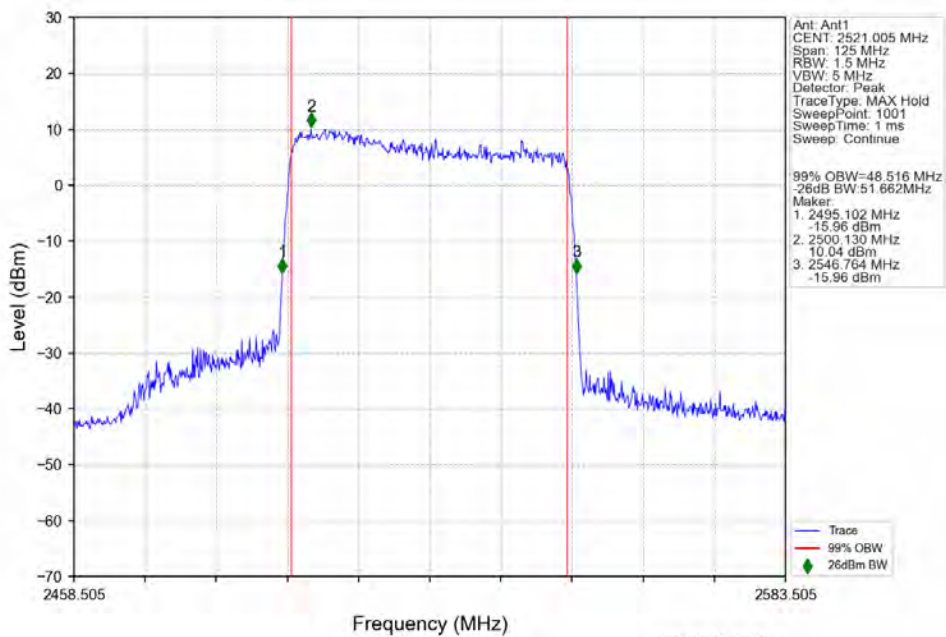
n41 15kHz SISO NTN 50MHz DFT-s-OFDM 64 QAM 2593.005MHz Outer Full



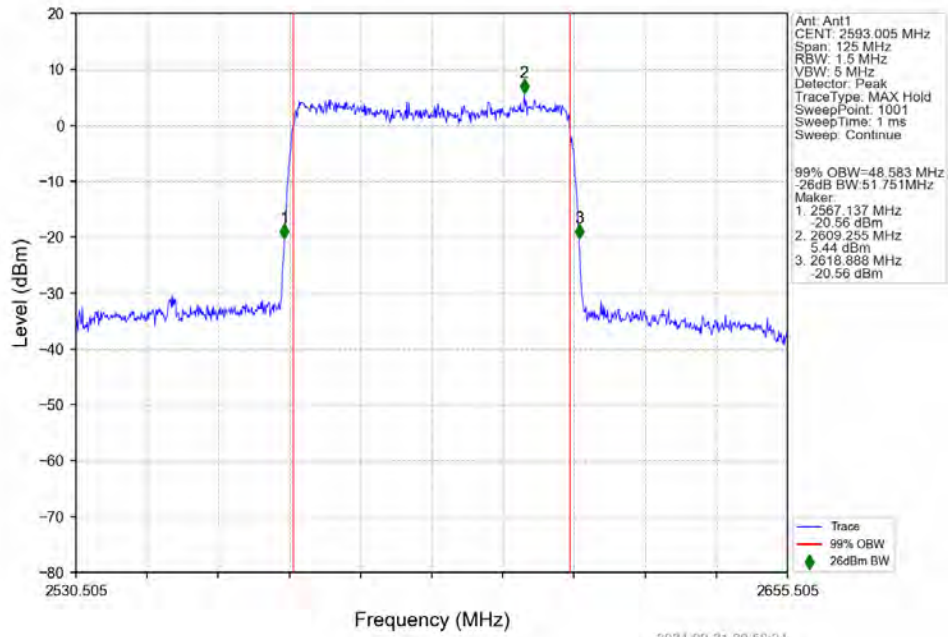
n41 15kHz SISO NTN 50MHz DFT-s-OFDM 64 QAM 2664.99MHz Outer Full



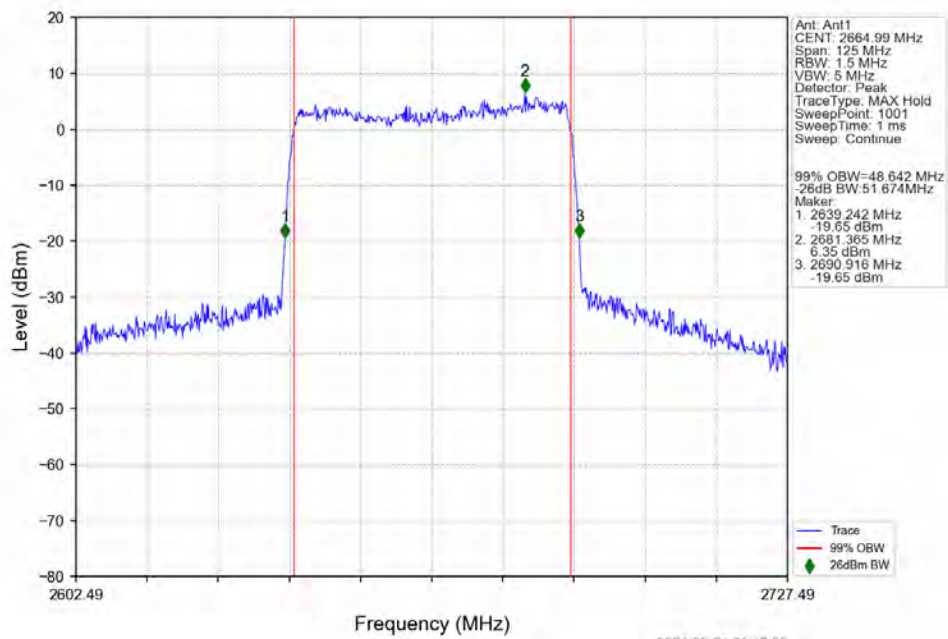
n41 15kHz SISO NTN 50MHz DFT-s-OFDM 256 QAM 2521.005MHz Outer Full



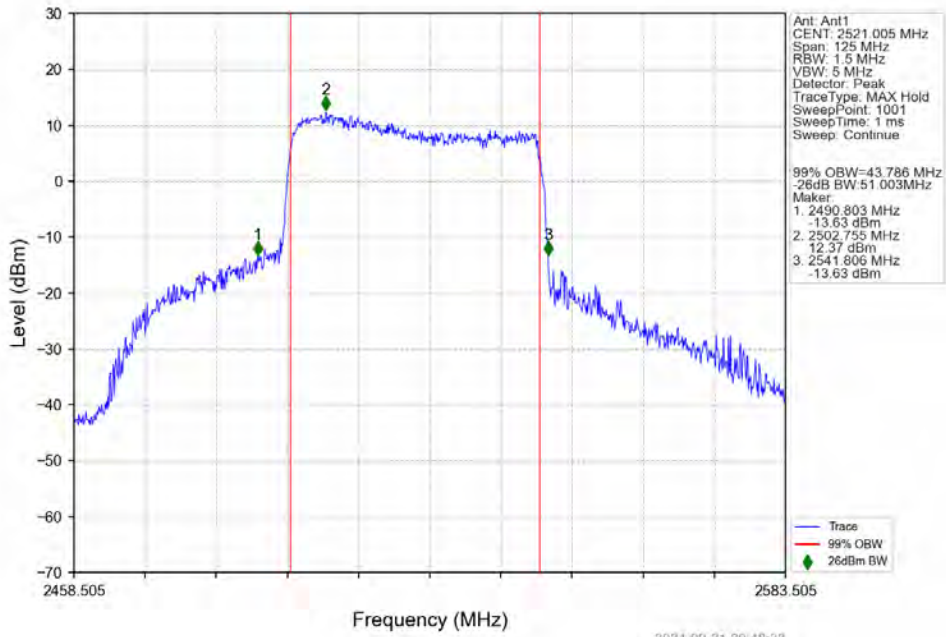
n41 15kHz SISO NTN 50MHz DFT-s-OFDM 256 QAM 2593.005MHz Outer Full



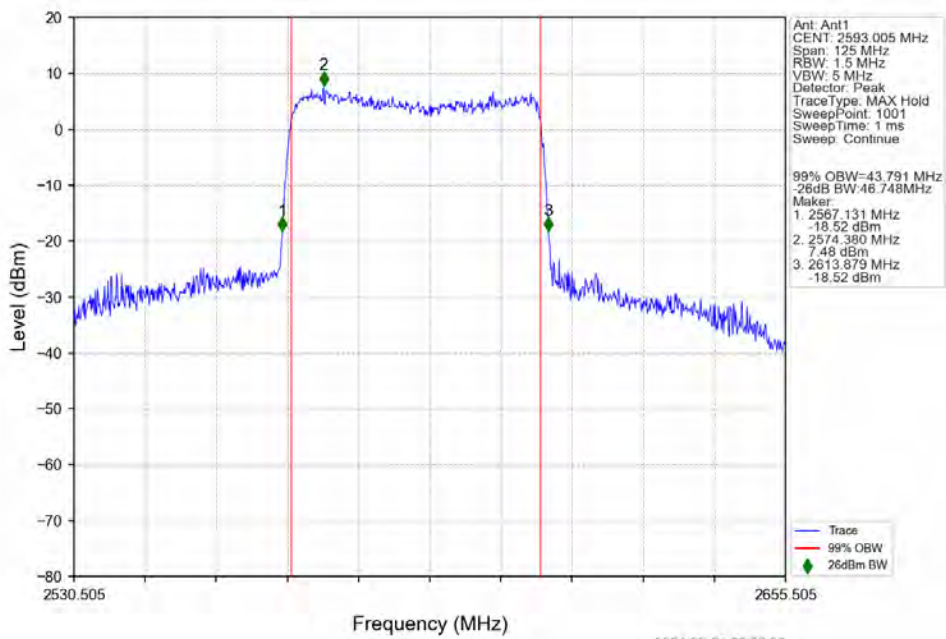
n41 15kHz SISO NTN 50MHz DFT-s-OFDM 256 QAM 2664.99MHz Outer Full



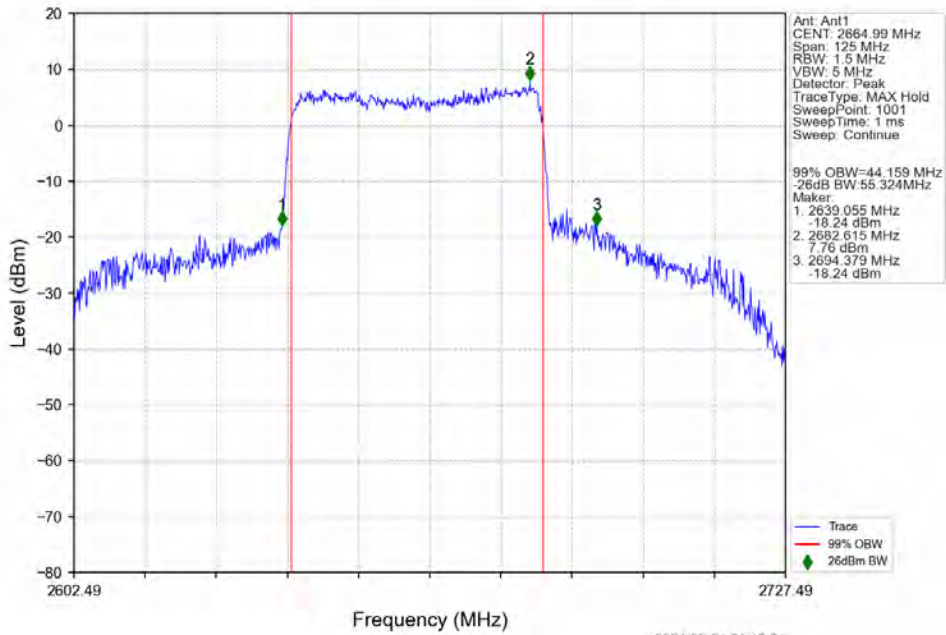
n41 15kHz SISO NTN 50MHz CP-OFDM QPSK 2521.005MHz Outer Full



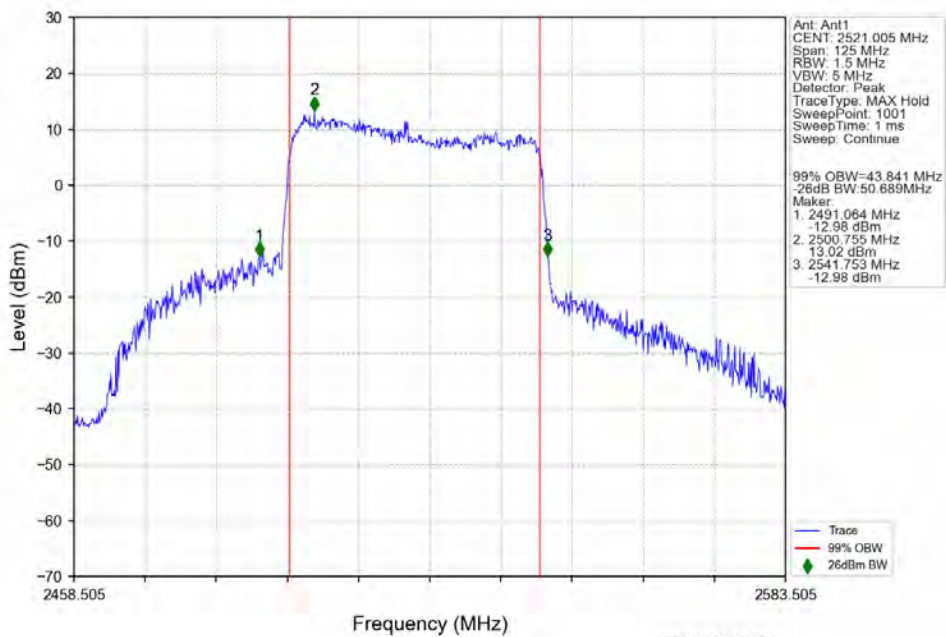
n41 15kHz SISO NTN 50MHz CP-OFDM QPSK 2593.005MHz Outer Full



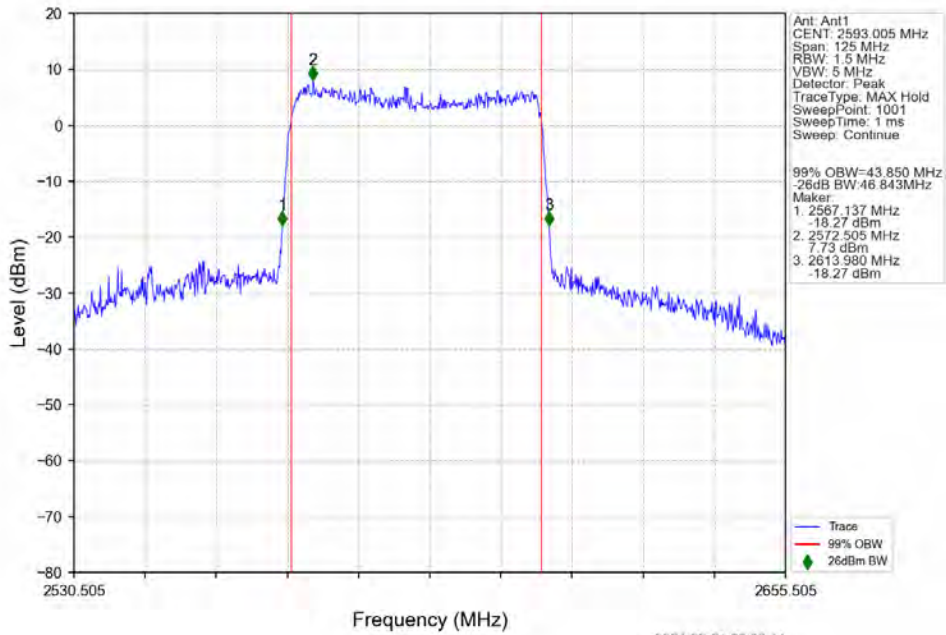
n41 15kHz SISO NTV 50MHz CP-OFDM QPSK 2664.99MHz Outer Full



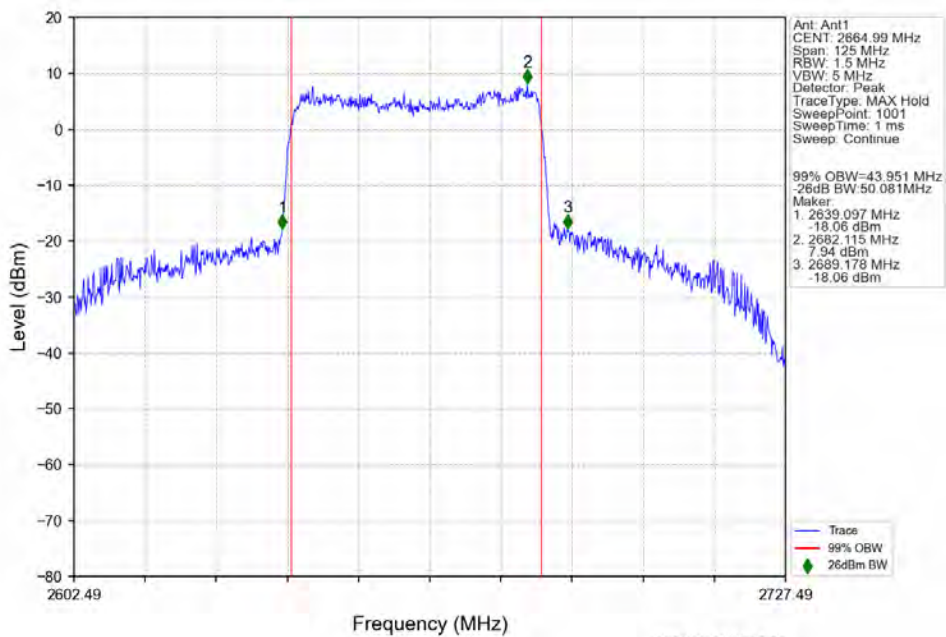
n41 15kHz SISO NTV 50MHz CP-OFDM 16 QAM 2521.005MHz Outer Full



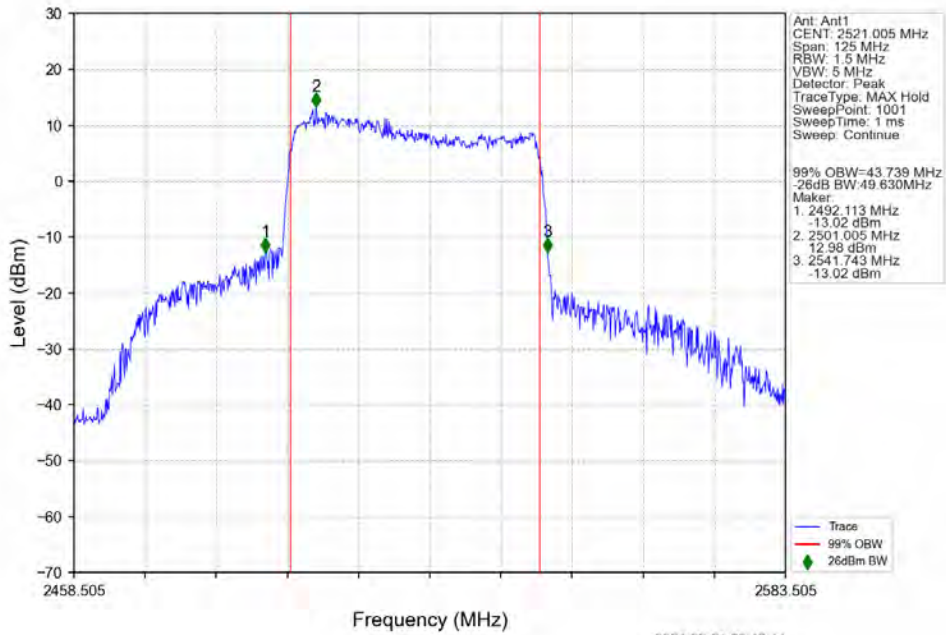
n41 15kHz SISO NTN 50MHz CP-OFDM 16 QAM 2593.005MHz Outer Full



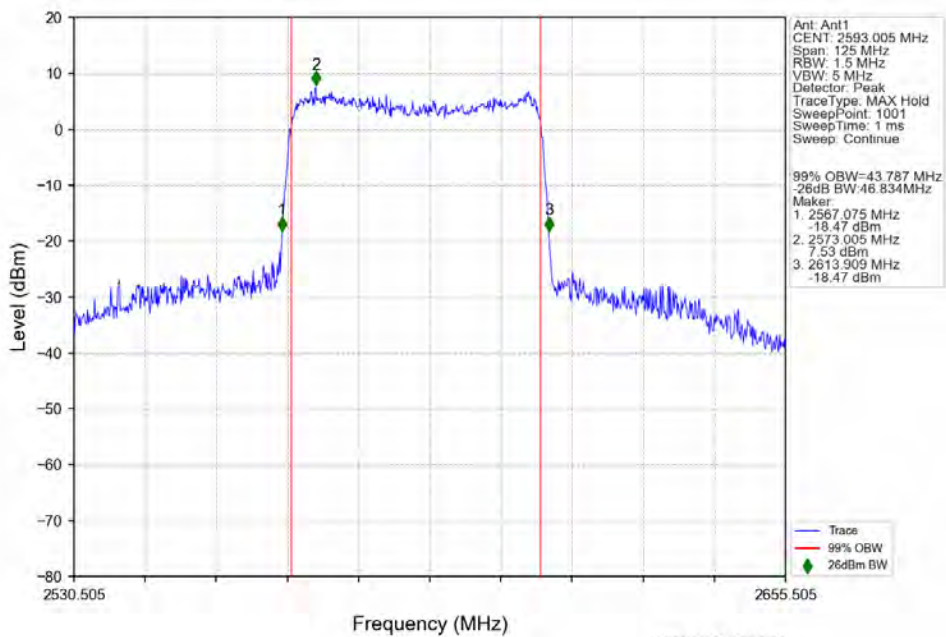
n41 15kHz SISO NTN 50MHz CP-OFDM 16 QAM 2664.99MHz Outer Full



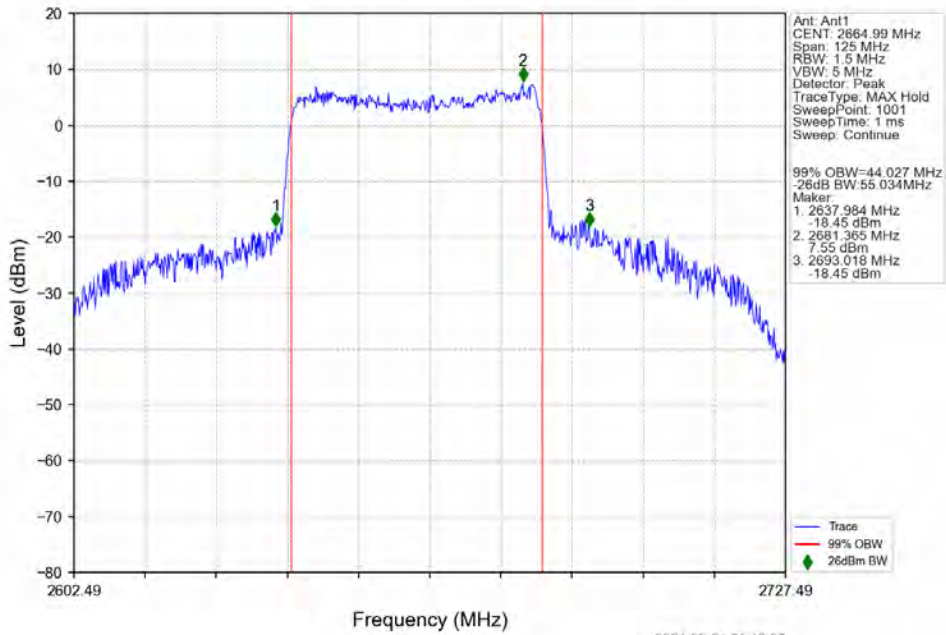
n41 15kHz SISO NTN 50MHz CP-OFDM 64 QAM 2521.005MHz Outer Full



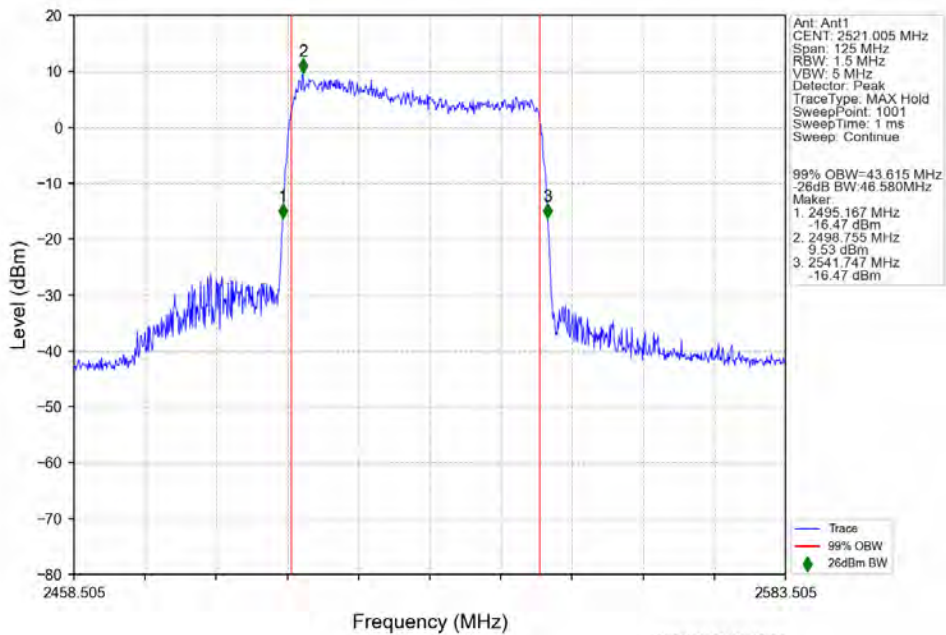
n41 15kHz SISO NTN 50MHz CP-OFDM 64 QAM 2593.005MHz Outer Full



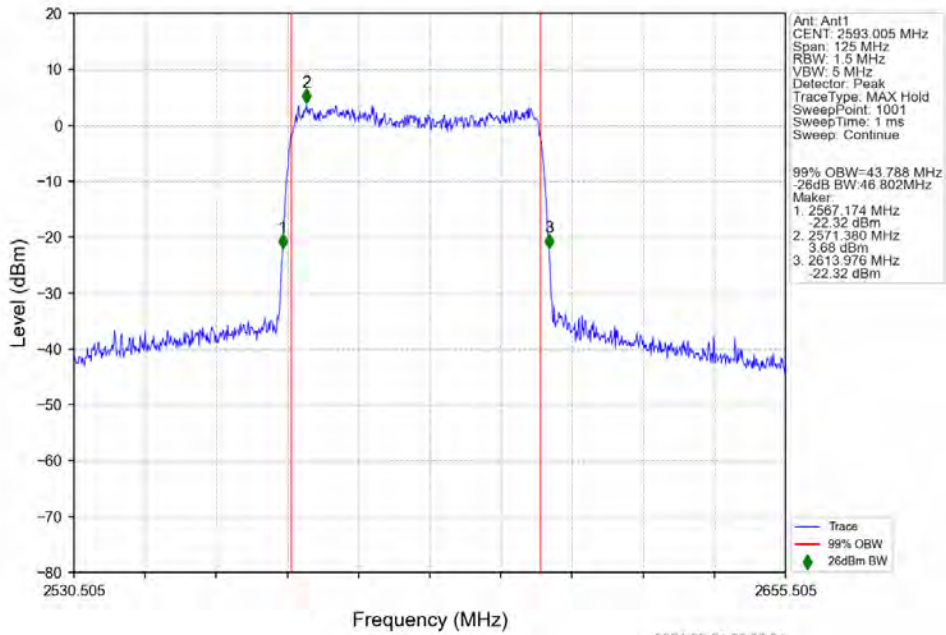
n41 15kHz SISO NTN 50MHz CP-OFDM 64 QAM 2664.99MHz Outer Full



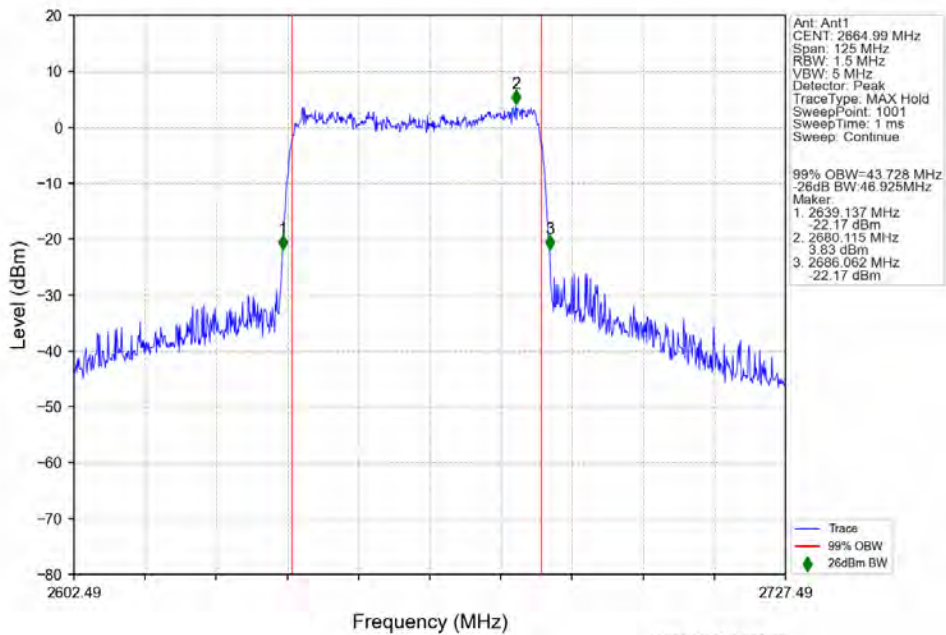
n41 15kHz SISO NTN 50MHz CP-OFDM 256 QAM 2521.005MHz Outer Full



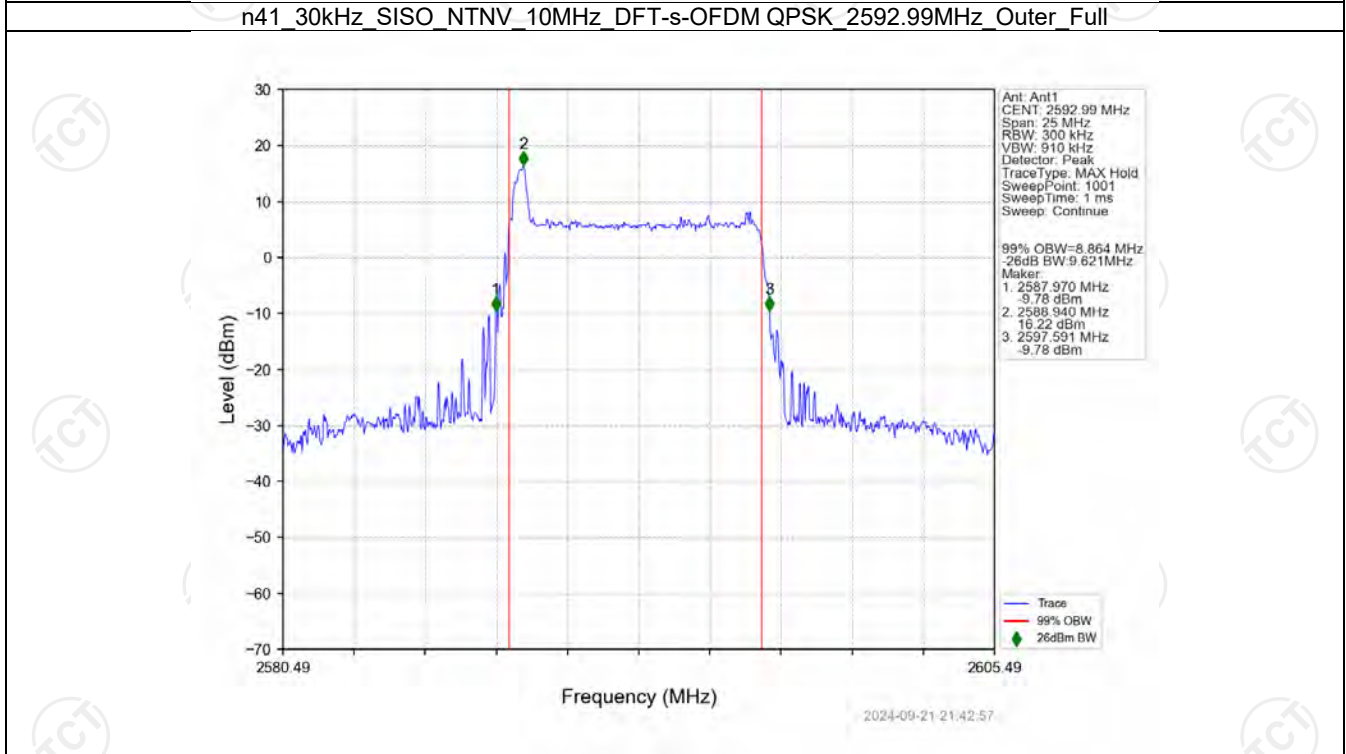
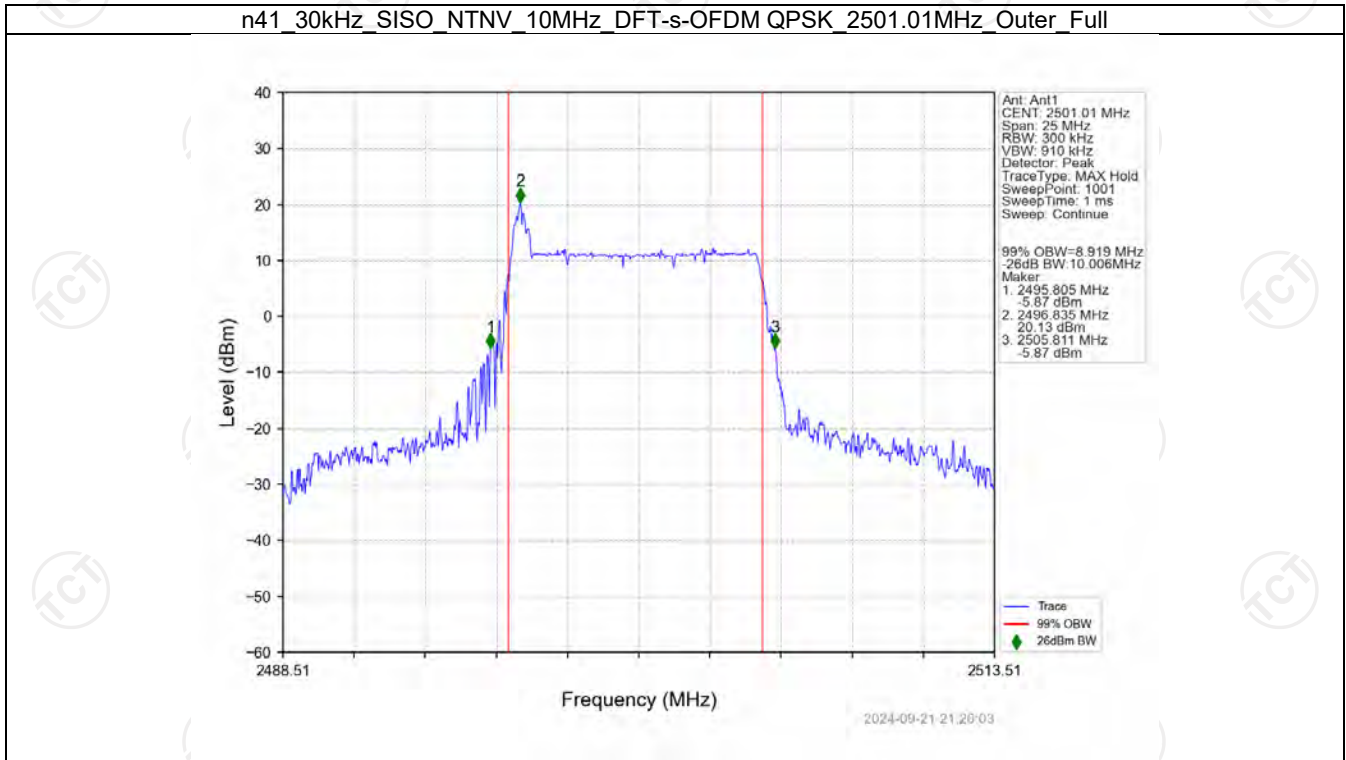
n41 15kHz SISO NTN 50MHz CP-OFDM 256 QAM 2593.005MHz Outer Full



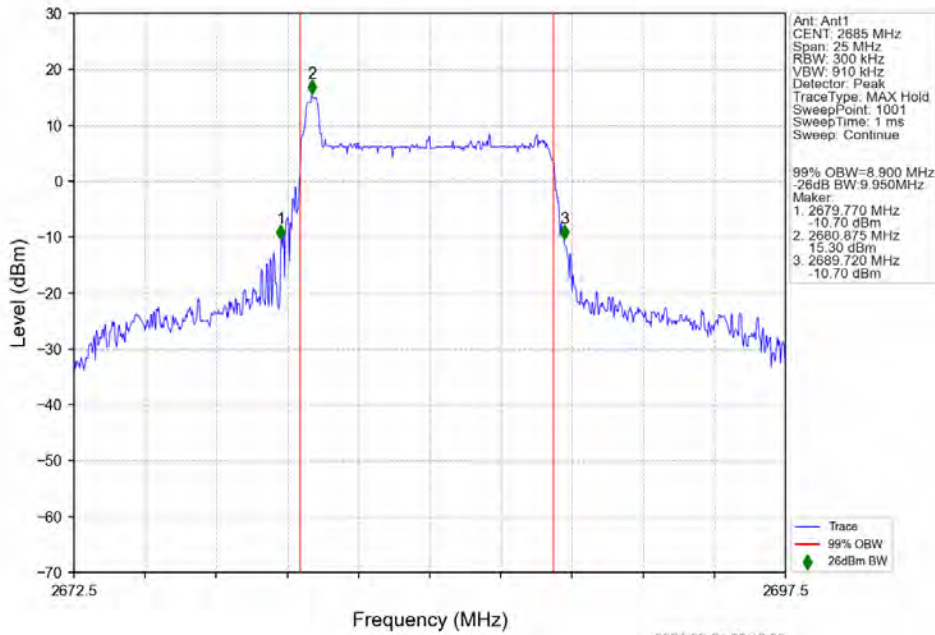
n41 15kHz SISO NTN 50MHz CP-OFDM 256 QAM 2664.99MHz Outer Full



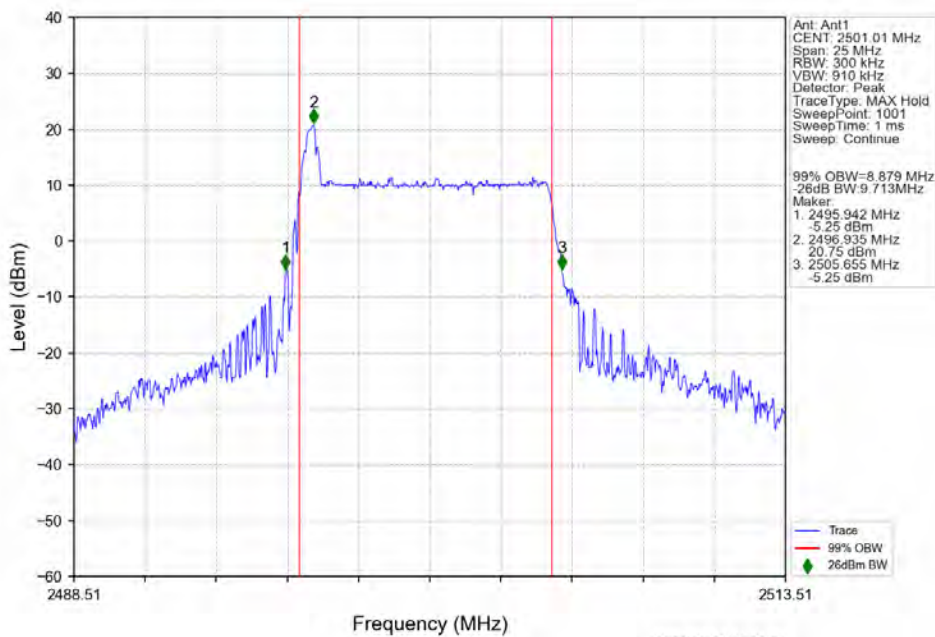
4.2.6 30k_SISO_10MHz_NTNV



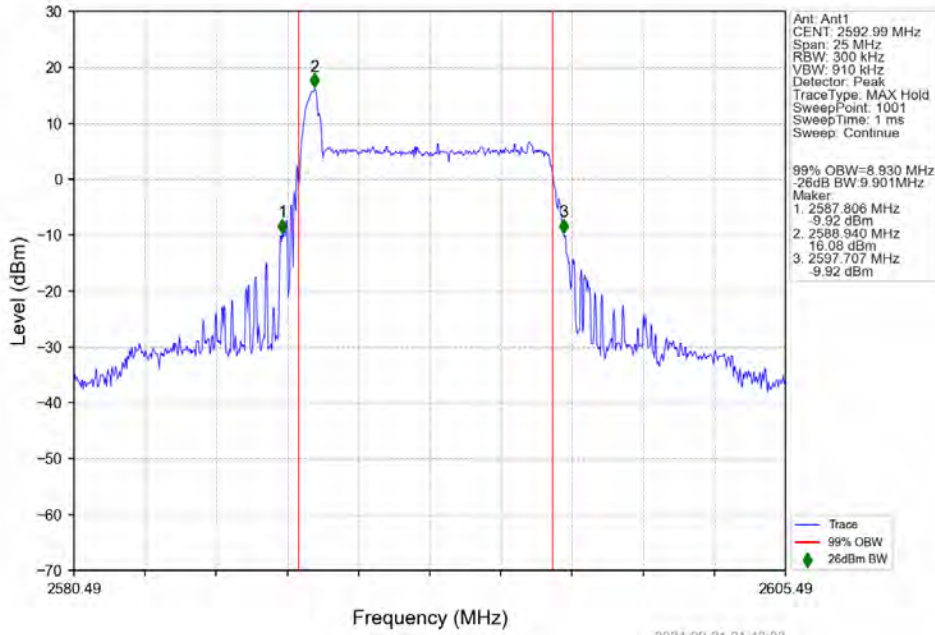
n41 30kHz SISO NTV 10MHz DFT-s-OFDM QPSK 2685MHz Outer Full



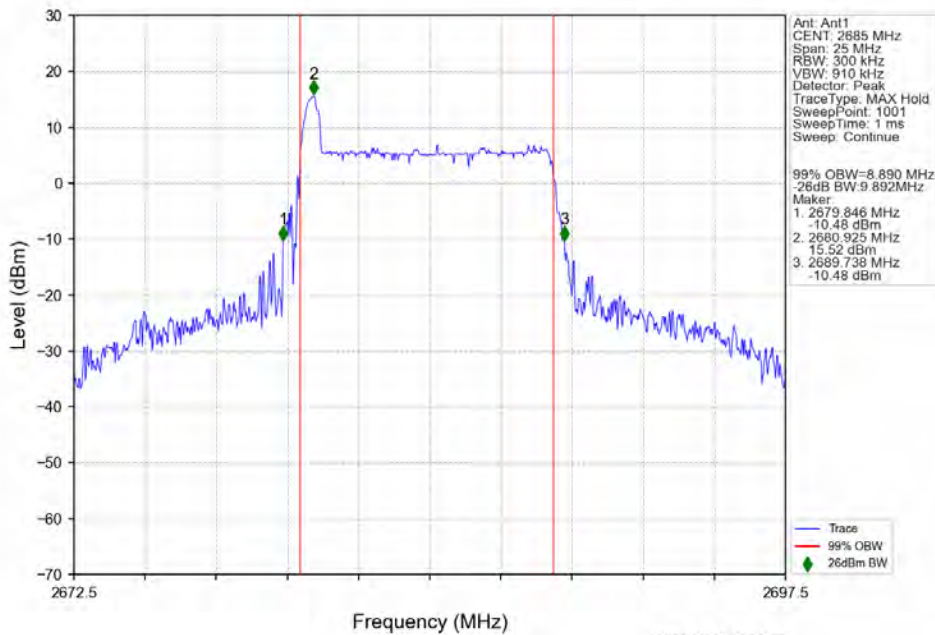
n41 30kHz SISO NTV 10MHz DFT-s-OFDM 16 QAM 2501.01MHz Outer Full



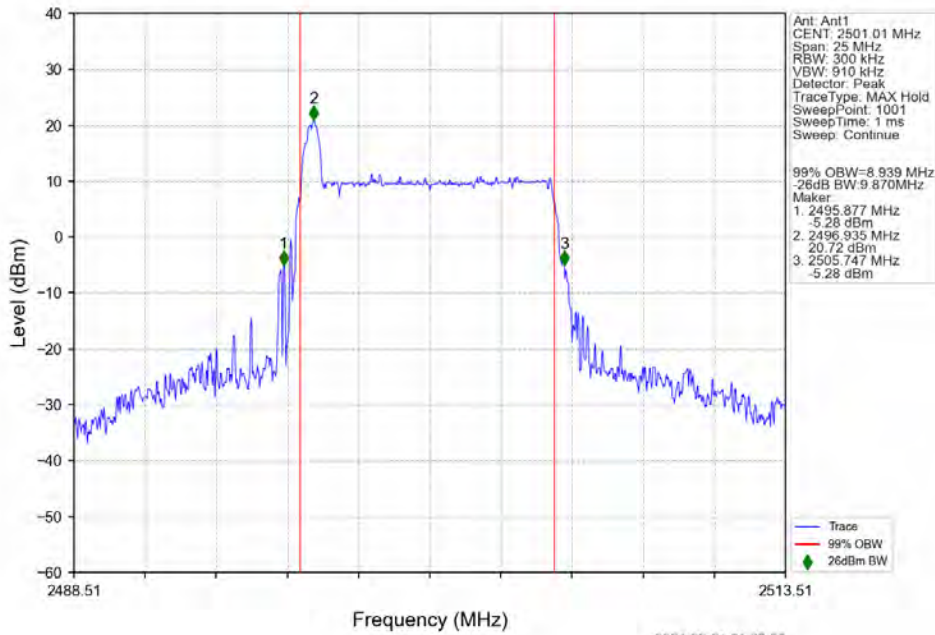
n41 30kHz SISO NTN 10MHz DFT-s-OFDM 16 QAM 2592.99MHz Outer Full



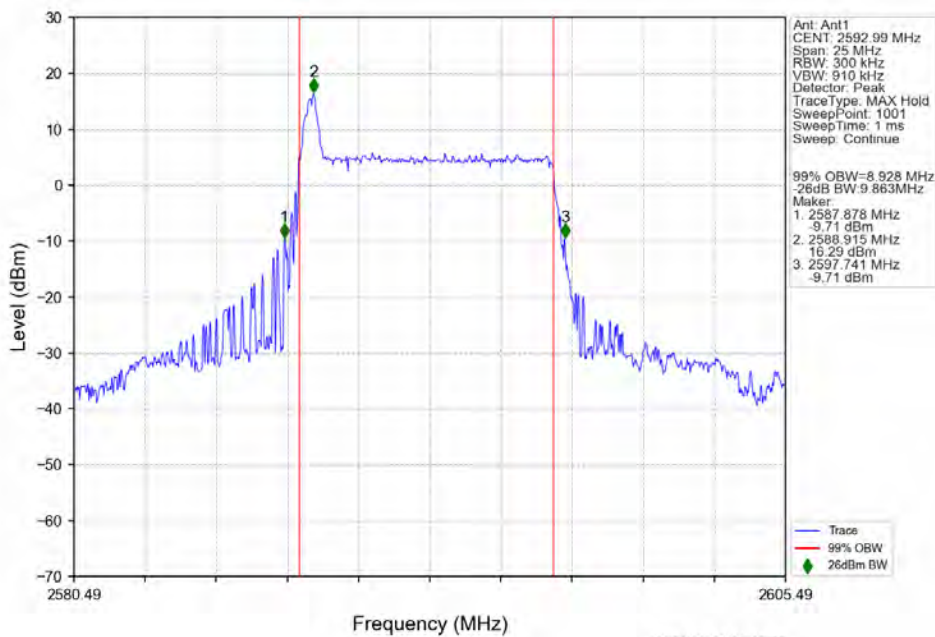
n41 30kHz SISO NTN 10MHz DFT-s-OFDM 16 QAM 2685MHz Outer Full



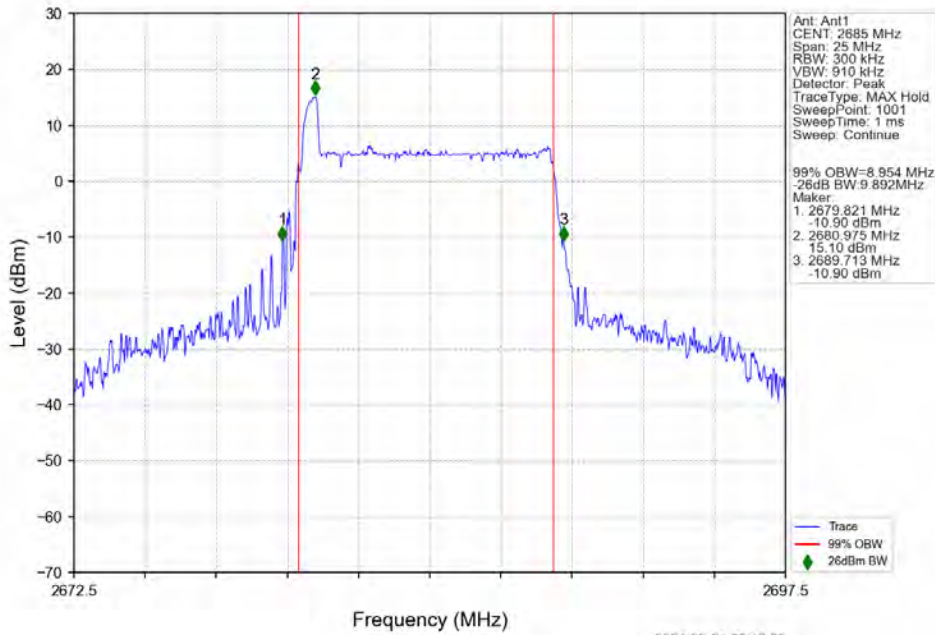
n41 30kHz SISO NTN 10MHz DFT-s-OFDM 64 QAM 2501.01MHz Outer Full



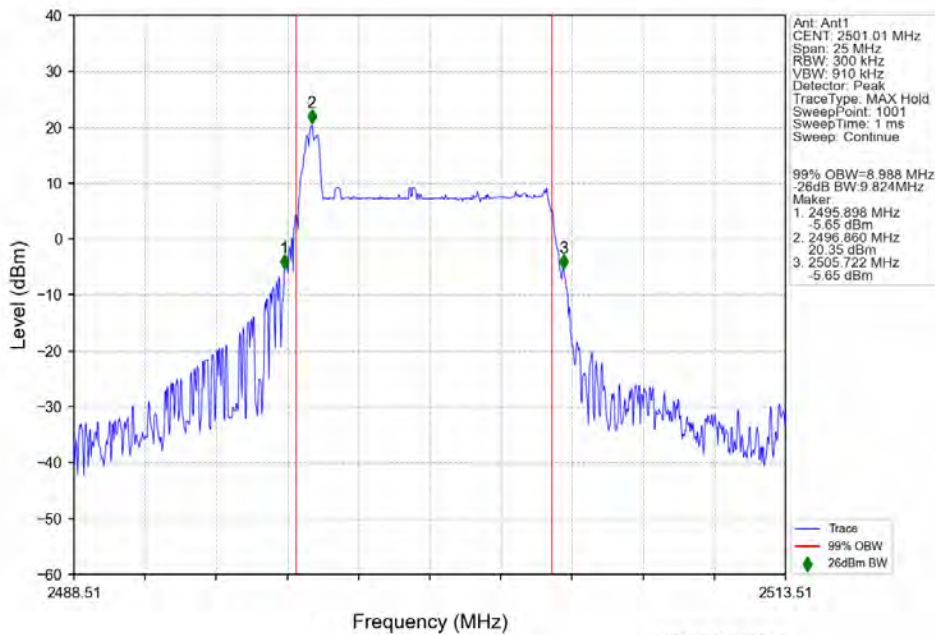
n41 30kHz SISO NTN 10MHz DFT-s-OFDM 64 QAM 2592.99MHz Outer Full



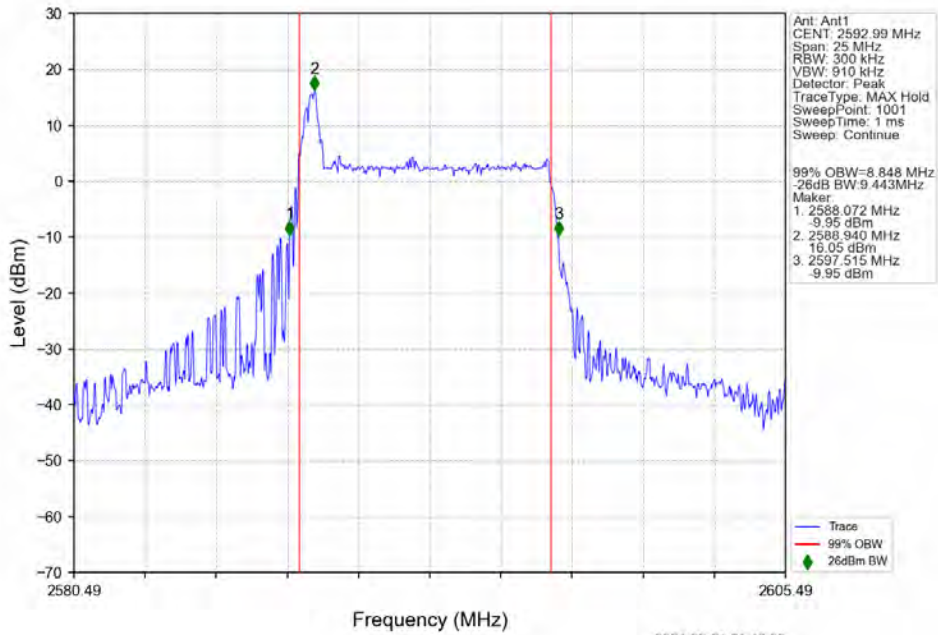
n41 30kHz SISO NTN 10MHz DFT-s-OFDM 64 QAM 2685MHz Outer Full



n41 30kHz SISO NTN 10MHz DFT-s-OFDM 256 QAM 2501.01MHz Outer Full



n41 30kHz SISO NTV 10MHz DFT-s-OFDM 256 QAM 2592.99MHz Outer Full



n41 30kHz SISO NTV 10MHz DFT-s-OFDM 256 QAM 2685MHz Outer Full

