

1.1.1 30k SISO 10MHz NTNv EIRP

5G NR n40b SCS=30kHz SISO 10MHz NTNv										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	2355	Edge_1RB_Left	21.80	/	/	19.60	/	/	<=23.98	Pass
		Edge_1RB_Right	21.77	/	/	19.57	/	/	<=23.98	Pass
		Outer_Full	21.79	/	/	19.59	/	/	<=23.98	Pass
		Inner_Full	21.65	/	/	19.45	/	/	<=23.98	Pass
		Inner_1RB_Left	21.70	/	/	19.50	/	/	<=23.98	Pass
		Inner_1RB_Right	21.82	/	/	19.62	/	/	<=23.98	Pass
DFT-s-OFDM 16 QAM	2355	Edge_1RB_Left	20.12	/	/	17.92	/	/	<=23.98	Pass
		Edge_1RB_Right	19.98	/	/	17.78	/	/	<=23.98	Pass
		Outer_Full	20.00	/	/	17.80	/	/	<=23.98	Pass
		Inner_Full	20.41	/	/	18.21	/	/	<=23.98	Pass
		Inner_1RB_Left	20.35	/	/	18.15	/	/	<=23.98	Pass
		Inner_1RB_Right	20.48	/	/	18.28	/	/	<=23.98	Pass
DFT-s-OFDM 64 QAM	2355	Edge_1RB_Left	19.68	/	/	17.48	/	/	<=23.98	Pass
		Edge_1RB_Right	19.54	/	/	17.34	/	/	<=23.98	Pass
		Outer_Full	19.38	/	/	17.18	/	/	<=23.98	Pass
		Inner_Full	19.27	/	/	17.07	/	/	<=23.98	Pass
		Inner_1RB_Left	19.49	/	/	17.29	/	/	<=23.98	Pass
		Inner_1RB_Right	19.63	/	/	17.43	/	/	<=23.98	Pass
DFT-s-OFDM 256 QAM	2355	Edge_1RB_Left	17.90	/	/	15.70	/	/	<=23.98	Pass
		Edge_1RB_Right	17.72	/	/	15.52	/	/	<=23.98	Pass
		Outer_Full	17.83	/	/	15.63	/	/	<=23.98	Pass
		Inner_Full	17.65	/	/	15.45	/	/	<=23.98	Pass
		Inner_1RB_Left	17.70	/	/	15.50	/	/	<=23.98	Pass
		Inner_1RB_Right	17.83	/	/	15.63	/	/	<=23.98	Pass
CP-OFDM QPSK	2355	Edge_1RB_Left	21.34	/	/	19.14	/	/	<=23.98	Pass
		Edge_1RB_Right	21.34	/	/	19.14	/	/	<=23.98	Pass
		Outer_Full	21.34	/	/	19.14	/	/	<=23.98	Pass
		Inner_Full	21.20	/	/	19.00	/	/	<=23.98	Pass
		Inner_1RB_Left	21.22	/	/	19.02	/	/	<=23.98	Pass
		Inner_1RB_Right	21.38	/	/	19.18	/	/	<=23.98	Pass
CP-OFDM 16 QAM	2355	Edge_1RB_Left	18.76	/	/	16.56	/	/	<=23.98	Pass
		Edge_1RB_Right	18.66	/	/	16.46	/	/	<=23.98	Pass
		Outer_Full	18.72	/	/	16.52	/	/	<=23.98	Pass
		Inner_Full	19.16	/	/	16.96	/	/	<=23.98	Pass
		Inner_1RB_Left	19.04	/	/	16.84	/	/	<=23.98	Pass
		Inner_1RB_Right	19.17	/	/	16.97	/	/	<=23.98	Pass
CP-OFDM 64 QAM	2355	Edge_1RB_Left	18.50	/	/	16.30	/	/	<=23.98	Pass
		Edge_1RB_Right	18.40	/	/	16.20	/	/	<=23.98	Pass
		Outer_Full	18.12	/	/	15.92	/	/	<=23.98	Pass
		Inner_Full	19.14	/	/	16.94	/	/	<=23.98	Pass
		Inner_1RB_Left	19.40	/	/	17.20	/	/	<=23.98	Pass
		Inner_1RB_Right	19.55	/	/	17.35	/	/	<=23.98	Pass
CP-OFDM 256 QAM	2355	Edge_1RB_Left	16.11	/	/	13.91	/	/	<=23.98	Pass
		Edge_1RB_Right	15.95	/	/	13.75	/	/	<=23.98	Pass
		Outer_Full	15.89	/	/	13.69	/	/	<=23.98	Pass
		Inner_Full	15.72	/	/	13.52	/	/	<=23.98	Pass
		Inner_1RB_Left	15.89	/	/	13.69	/	/	<=23.98	Pass
		Inner_1RB_Right	16.03	/	/	13.83	/	/	<=23.98	Pass
Note1: Antenna Gain: Ant1: -2.20dBi;										

Note2: EIRP=Conducted Power+Antenna Gain

2. Frequency Stability

2.1 Test Result

2.1.1 30k_SISO_10MHz

5G NR n40b 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	2355	Outer_Full	20	LV	-1.60	-0.0007	>=-2.5 & <=2.5	Pass
				HV	3.60	0.0015	>=-2.5 & <=2.5	Pass
			-30	NV	3.40	0.0014	>=-2.5 & <=2.5	Pass
			-20	NV	3.00	0.0013	>=-2.5 & <=2.5	Pass
			-10	NV	-1.40	-0.0006	>=-2.5 & <=2.5	Pass
			0	NV	-2.20	-0.0009	>=-2.5 & <=2.5	Pass
			10	NV	1.80	0.0008	>=-2.5 & <=2.5	Pass
			20	NV	4.60	0.0020	>=-2.5 & <=2.5	Pass
			30	NV	-3.50	-0.0015	>=-2.5 & <=2.5	Pass
			40	NV	4.00	0.0017	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 16 QAM	2355	Outer_Full	20	LV	6.60	0.0028	>=-2.5 & <=2.5	Pass
				HV	2.10	0.0009	>=-2.5 & <=2.5	Pass
			-30	NV	4.90	0.0021	>=-2.5 & <=2.5	Pass
			-20	NV	2.90	0.0012	>=-2.5 & <=2.5	Pass
			-10	NV	4.50	0.0019	>=-2.5 & <=2.5	Pass
			0	NV	1.50	0.0006	>=-2.5 & <=2.5	Pass
			10	NV	4.30	0.0018	>=-2.5 & <=2.5	Pass
			20	NV	5.00	0.0021	>=-2.5 & <=2.5	Pass
			30	NV	3.40	0.0014	>=-2.5 & <=2.5	Pass
			40	NV	-2.30	-0.0010	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 64 QAM	2355	Outer_Full	20	LV	3.80	0.0016	>=-2.5 & <=2.5	Pass
				HV	3.10	0.0013	>=-2.5 & <=2.5	Pass
			-30	NV	2.30	0.0010	>=-2.5 & <=2.5	Pass
			-20	NV	5.20	0.0022	>=-2.5 & <=2.5	Pass
			-10	NV	2.30	0.0010	>=-2.5 & <=2.5	Pass
			0	NV	3.70	0.0016	>=-2.5 & <=2.5	Pass
			10	NV	4.40	0.0019	>=-2.5 & <=2.5	Pass
			20	NV	5.70	0.0024	>=-2.5 & <=2.5	Pass
			30	NV	6.90	0.0029	>=-2.5 & <=2.5	Pass
			40	NV	-2.80	-0.0012	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 256 QAM	2355	Outer_Full	20	LV	-1.70	-0.0007	>=-2.5 & <=2.5	Pass
				HV	-3.20	-0.0014	>=-2.5 & <=2.5	Pass
			-30	NV	3.10	0.0013	>=-2.5 & <=2.5	Pass
			-20	NV	-1.90	-0.0008	>=-2.5 & <=2.5	Pass
			-10	NV	1.50	0.0006	>=-2.5 & <=2.5	Pass
			0	NV	1.40	0.0006	>=-2.5 & <=2.5	Pass
			10	NV	-3.30	-0.0014	>=-2.5 & <=2.5	Pass
			20	NV	-1.20	-0.0005	>=-2.5 & <=2.5	Pass
			30	NV	1.30	0.0006	>=-2.5 & <=2.5	Pass
			40	NV	2.90	0.0012	>=-2.5 & <=2.5	Pass
CP-OFDM QPSK	2355	Outer_Full	20	NV	-0.90	-0.0004	>=-2.5 & <=2.5	Pass
				LV	1.20	0.0005	>=-2.5 & <=2.5	Pass

				HV	-3.00	-0.0013	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	3.90	0.0017	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	-2.00	-0.0008	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	-1.90	-0.0008	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	5.10	0.0022	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	-1.90	-0.0008	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	-3.80	-0.0016	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			30	NV	-1.50	-0.0006	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			40	NV	-1.30	-0.0006	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			50	NV	3.10	0.0013	$\geq -2.5 \ \& \ \leq 2.5$	Pass
CP-OFDM 16 QAM	2355	Outer_Full	20	LV	2.00	0.0008	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	-2.40	-0.0010	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	-2.60	-0.0011	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	-2.90	-0.0012	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	-2.80	-0.0012	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	-4.00	-0.0017	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	-1.30	-0.0006	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	3.60	0.0015	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			30	NV	-2.80	-0.0012	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			40	NV	-5.10	-0.0022	$\geq -2.5 \ \& \ \leq 2.5$	Pass
CP-OFDM 64 QAM	2355	Outer_Full	20	LV	4.80	0.0020	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	5.80	0.0025	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	3.30	0.0014	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	1.70	0.0007	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	5.50	0.0023	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	5.60	0.0024	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	2.80	0.0012	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	4.00	0.0017	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			30	NV	-1.40	-0.0006	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			40	NV	2.80	0.0012	$\geq -2.5 \ \& \ \leq 2.5$	Pass
CP-OFDM 256 QAM	2355	Outer_Full	20	LV	2.10	0.0009	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	-2.80	-0.0012	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	1.30	0.0006	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	6.20	0.0026	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	-1.20	-0.0005	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	2.30	0.0010	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	3.20	0.0014	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	-1.10	-0.0005	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			30	NV	2.10	0.0009	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			40	NV	-1.80	-0.0008	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			50	NV	5.20	0.0022	$\geq -2.5 \ \& \ \leq 2.5$	Pass

3. Modulation Characteristics

3.1 Test Result

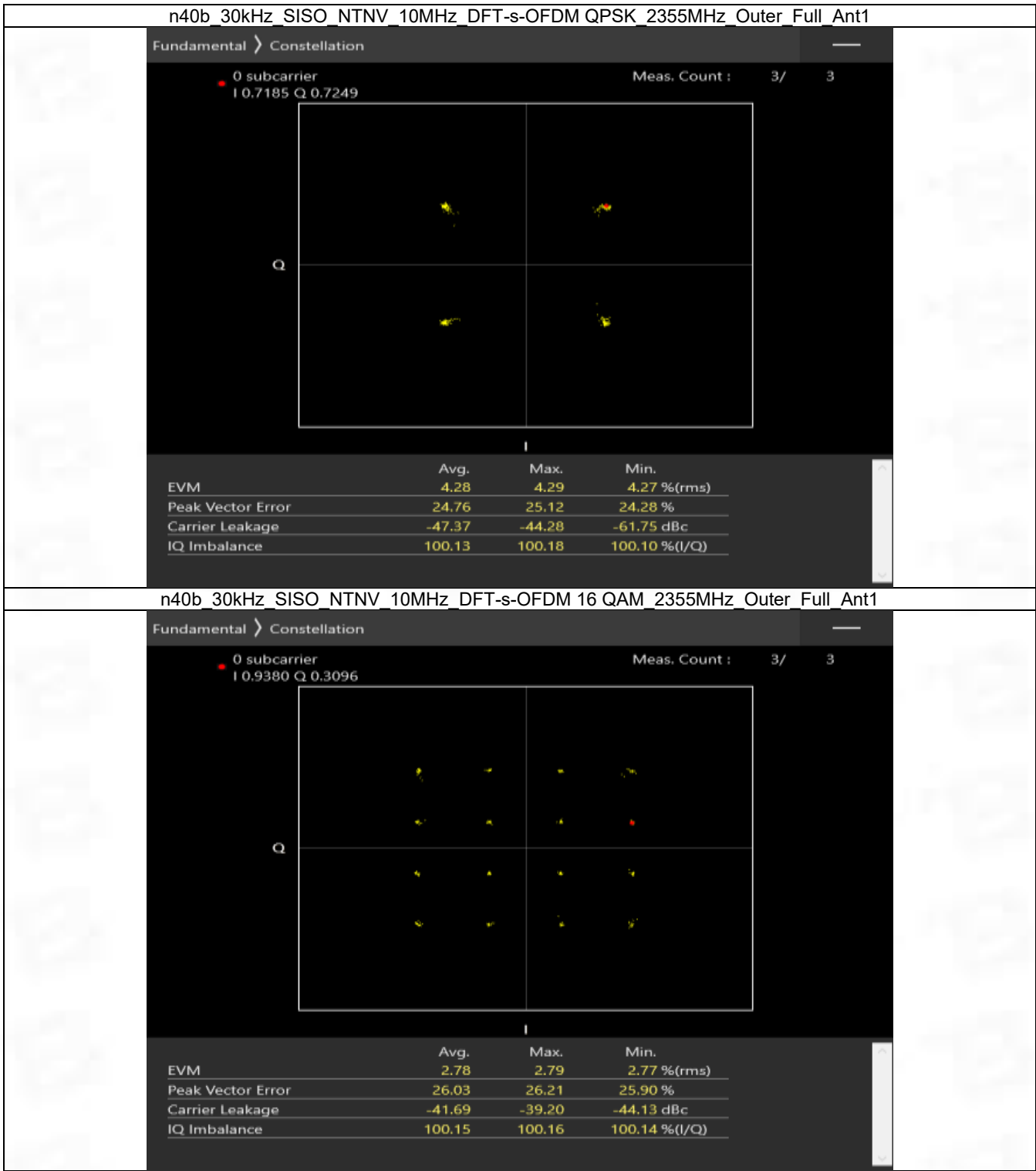
3.1.1 30k_SISO_10MHz_NTNV

5G NR n40b SCS=30kHz SISO 10MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Modulation Characteristics				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	2355	Outer_Full	Refer To Test Graph				Pass
DFT-s-OFDM 16 QAM	2355	Outer_Full	Refer To Test Graph				Pass
DFT-s-OFDM 64 QAM	2355	Outer_Full	Refer To Test Graph				Pass

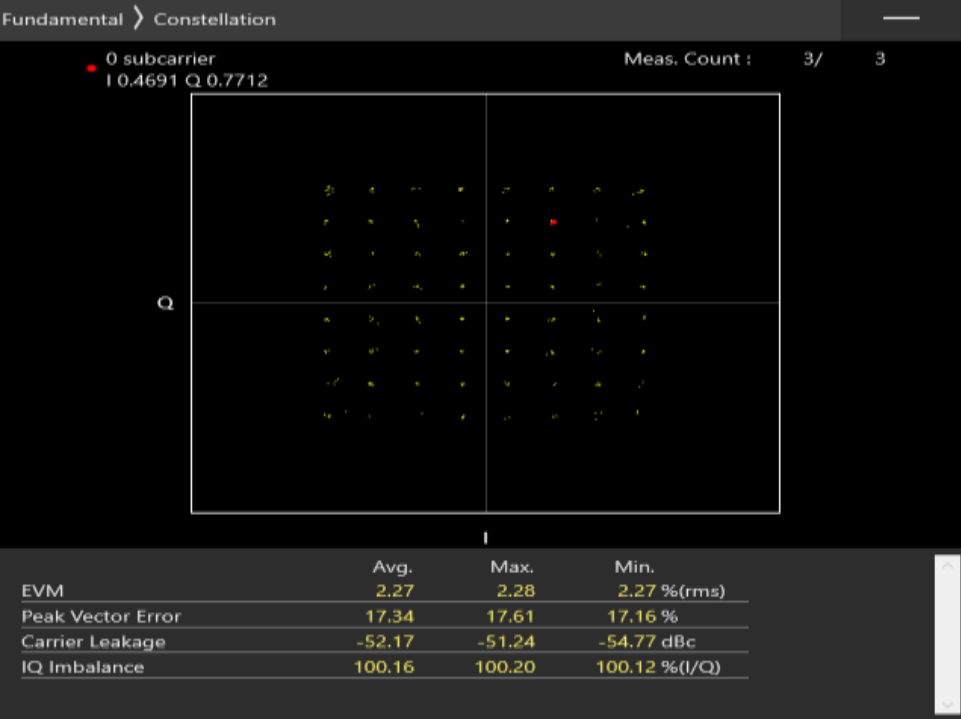
DFT-s-OFDM 256 QAM	2355	Outer_Full	Refer To Test Graph	Pass
CP-OFDM QPSK	2355	Outer_Full	Refer To Test Graph	Pass
CP-OFDM 16 QAM	2355	Outer_Full	Refer To Test Graph	Pass
CP-OFDM 64 QAM	2355	Outer_Full	Refer To Test Graph	Pass
CP-OFDM 256 QAM	2355	Outer_Full	Refer To Test Graph	Pass

3.2 Test Graph

3.2.1 30k_SISO_10MHz_NTNV



n40b 30kHz SISO NTN 10MHz DFT-s-OFDM 64 QAM 2355MHz Outer Full Ant1



n40b 30kHz SISO NTN 10MHz DFT-s-OFDM 256 QAM 2355MHz Outer Full Ant1

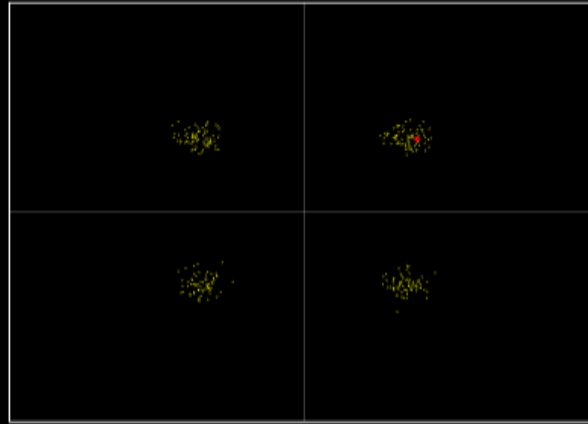
n40b 30kHz SISO NTN 10MHz CP-OFDM QPSK 2355MHz Outer Full Ant1

Fundamental > Constellation

0 subcarrier
I 0.7767 Q 0.6965

Meas. Count : 3/ 3

Q



	Avg.	Max.	Min.
EVM	9.83	9.86	9.81 %(rms)
Peak Vector Error	28.26	28.51	28.04 %
Carrier Leakage	-51.81	-50.08	-53.73 dBc
IQ Imbalance	100.19	100.48	99.66 %(I/Q)

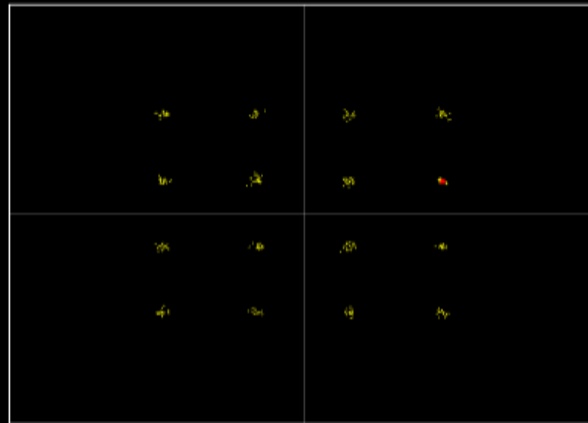
n40b 30kHz SISO NTN 10MHz CP-OFDM 16 QAM 2355MHz Outer Full Ant1

Fundamental > Constellation

0 subcarrier
I 0.9530 Q 0.3119

Meas. Count : 3/ 3

Q



	Avg.	Max.	Min.
EVM	3.83	3.85	3.82 %(rms)
Peak Vector Error	11.59	12.68	10.85 %
Carrier Leakage	-45.07	-44.56	-45.62 dBc
IQ Imbalance	100.04	100.15	99.91 %(I/Q)

n40b 30kHz SISO NTN 10MHz CP-OFDM 64 QAM 2355MHz Outer Full Ant1

Fundamental > Constellation

0 subcarrier
I 0.4739 Q 0.7570

Meas. Count : 3/ 3

Q

	Avg.	Max.	Min.
EVM	3.62	3.64	3.59 %(rms)
Peak Vector Error	14.33	14.64	13.87 %
Carrier Leakage	-50.15	-48.23	-54.72 dBc
IQ Imbalance	100.30	100.36	100.25 %(I/Q)

n40b 30kHz SISO NTN 10MHz CP-OFDM 256 QAM 2355MHz Outer Full Ant1

Fundamental > Constellation

0 subcarrier
I 0.5314 Q 0.5437

Meas. Count : 3/ 3

Q

	Avg.	Max.	Min.
EVM	1.52	1.52	1.50 %(rms)
Peak Vector Error	4.39	4.51	4.30 %
Carrier Leakage	-42.56	-42.04	-43.04 dBc
IQ Imbalance	100.14	100.14	100.13 %(I/Q)

4. 99% & 26dB Bandwidth

4.1 Test Result

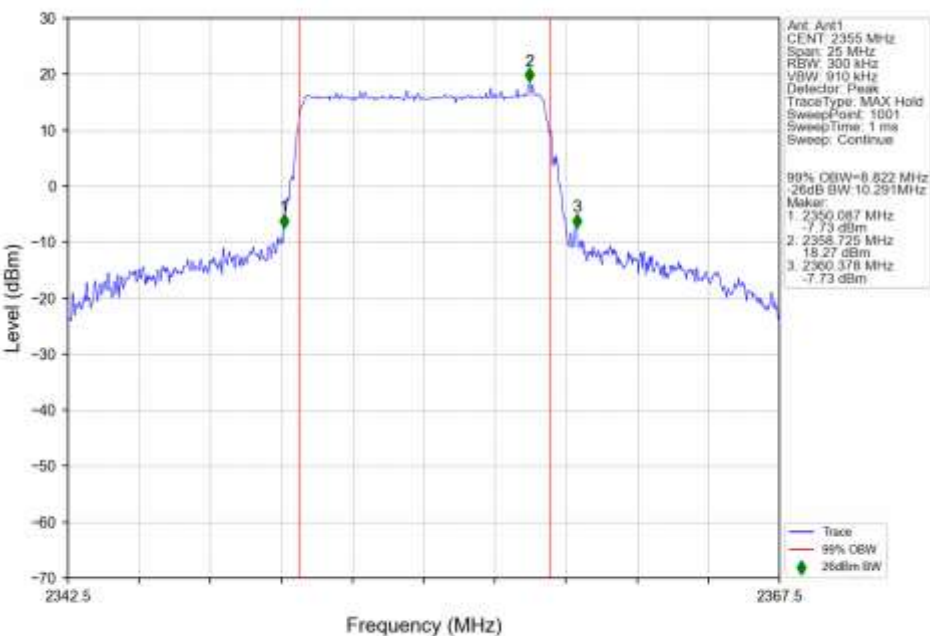
4.1.1 30k_SISO_10MHz_NTNV

5G NR n40b SCS=30kHz SISO 10MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM QPSK	2355	Outer_Full	8.82	10.29	/	Pass
DFT-s-OFDM 16 QAM	2355	Outer_Full	8.76	10.91	/	Pass
DFT-s-OFDM 64 QAM	2355	Outer_Full	8.78	9.97	/	Pass
DFT-s-OFDM 256 QAM	2355	Outer_Full	8.70	9.87	/	Pass
CP-OFDM QPSK	2355	Outer_Full	9.08	19.31	/	Pass
CP-OFDM 16 QAM	2355	Outer_Full	8.77	10.15	/	Pass
CP-OFDM 64 QAM	2355	Outer_Full	8.75	11.03	/	Pass
CP-OFDM 256 QAM	2355	Outer_Full	8.78	9.90	/	Pass

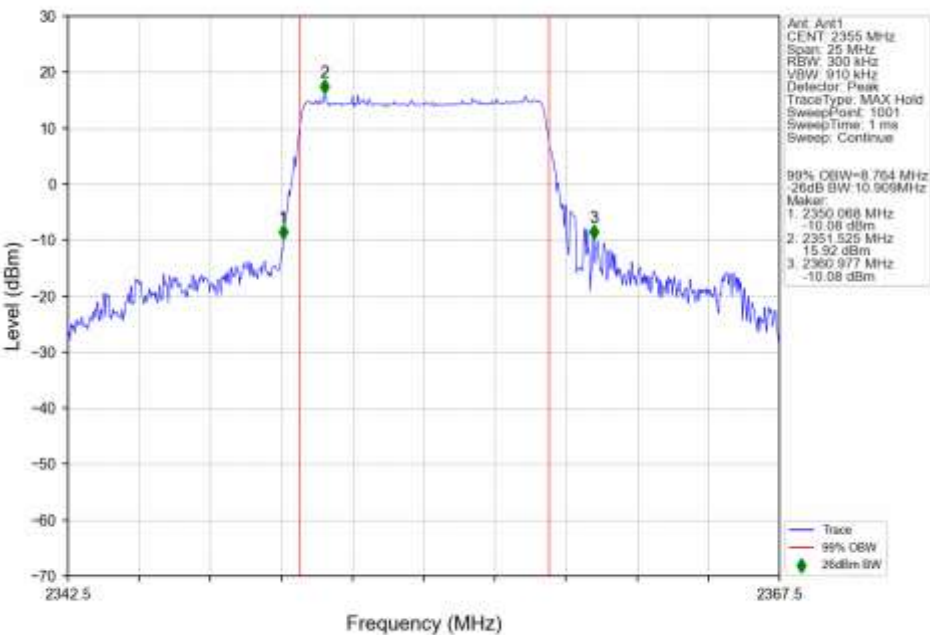
4.2 Test Graph

4.2.1 30k_SISO_10MHz_NTNV

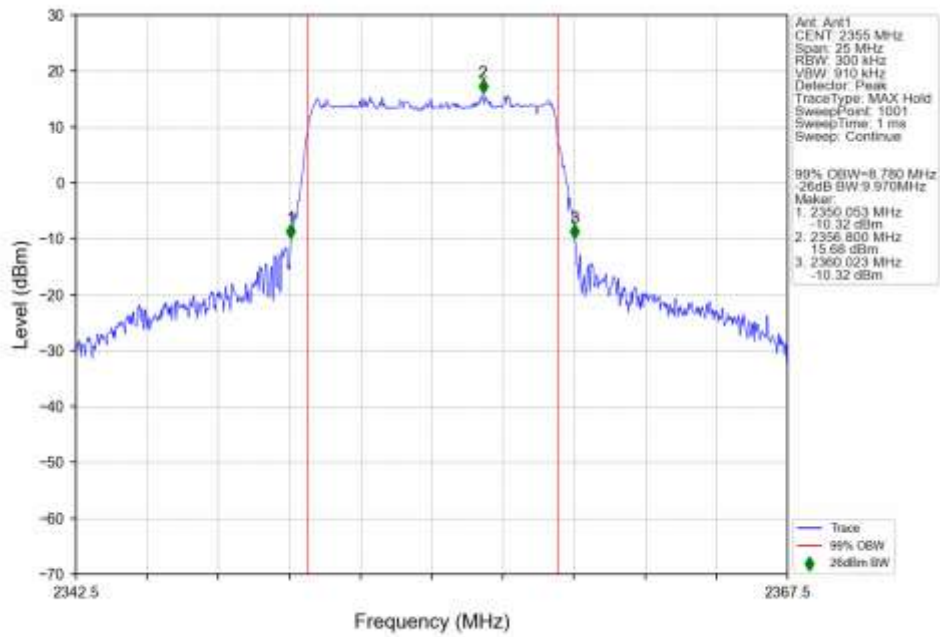
n40b_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM QPSK_2355MHz_Outer_Full_Ant1



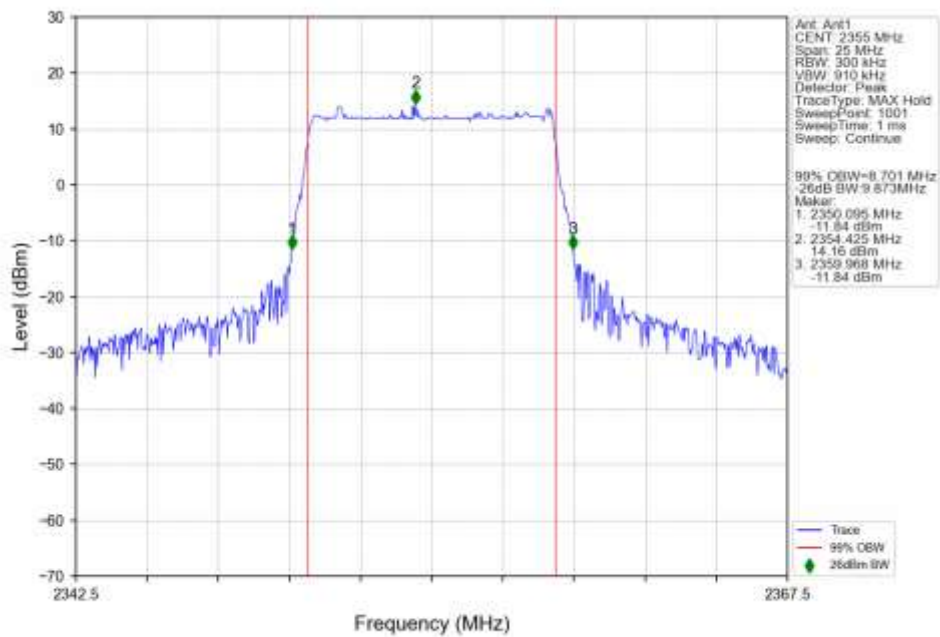
n40b_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM 16 QAM_2355MHz_Outer_Full_Ant1



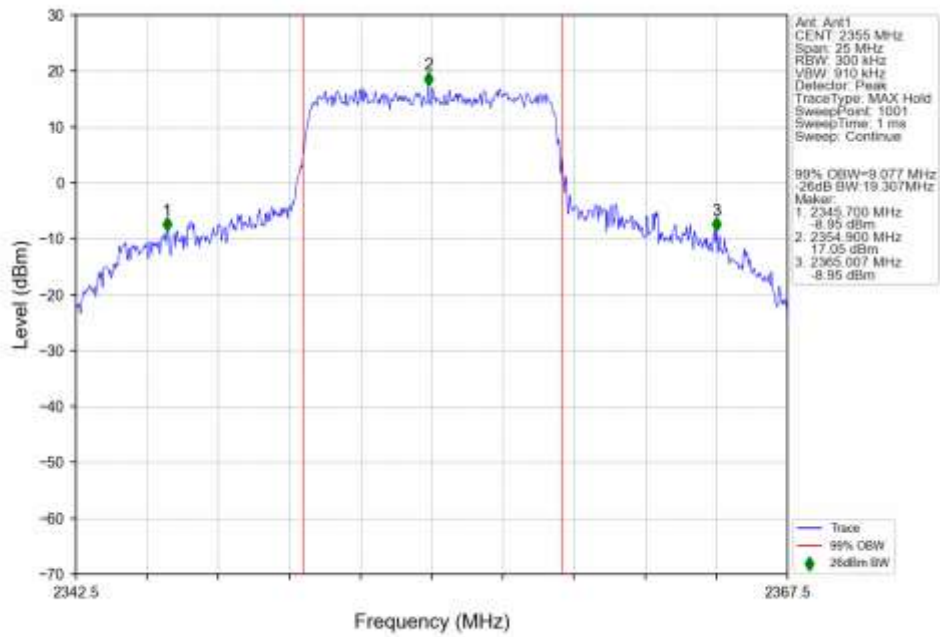
n40b 30kHz SISO NTN 10MHz DFT-s-OFDM 64 QAM 2355MHz Outer Full Ant1



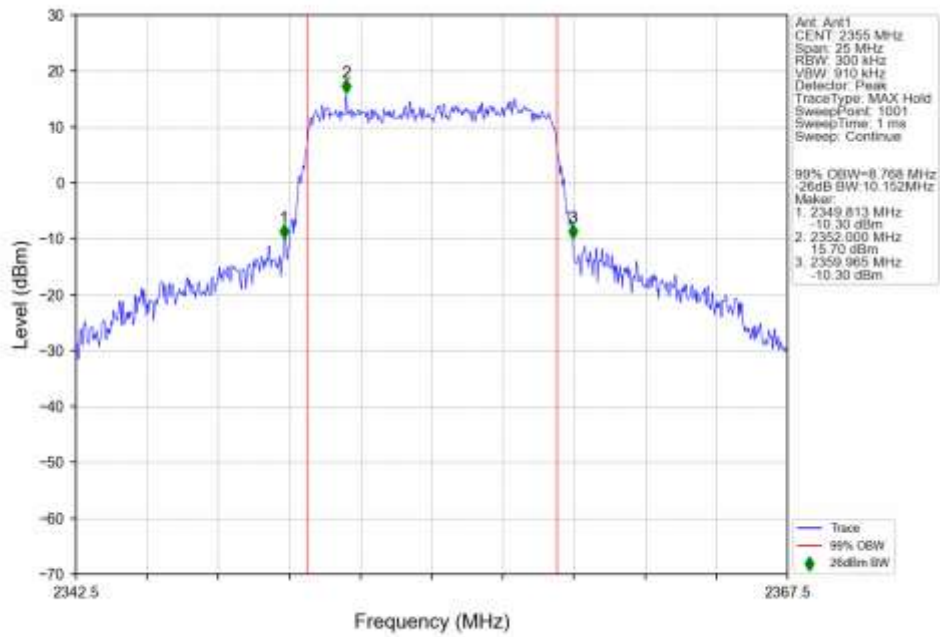
n40b 30kHz SISO NTN 10MHz DFT-s-OFDM 256 QAM 2355MHz Outer Full Ant1



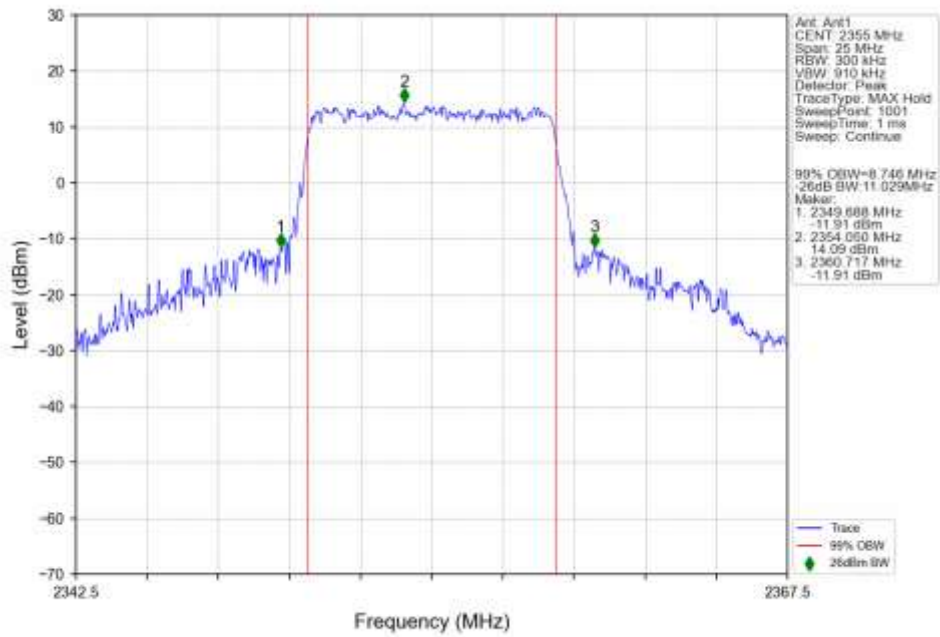
n40b 30kHz SISO NTN 10MHz CP-OFDM QPSK 2355MHz Outer Full Ant1



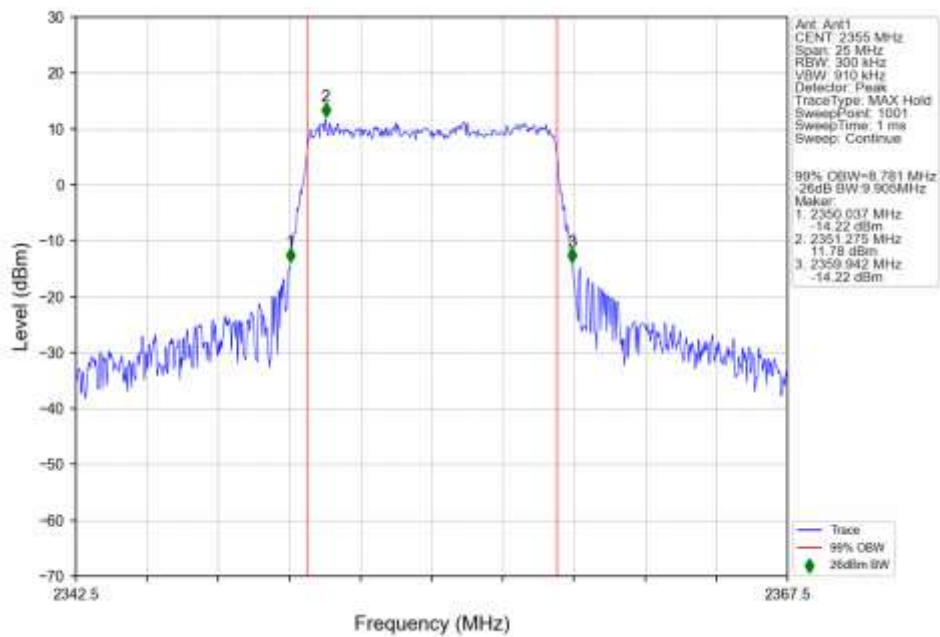
n40b 30kHz SISO NTN 10MHz CP-OFDM 16 QAM 2355MHz Outer Full Ant1



n40b 30kHz SISO NTN 10MHz CP-OFDM 64 QAM 2355MHz Outer Full Ant1



n40b 30kHz SISO NTN 10MHz CP-OFDM 256 QAM 2355MHz Outer Full Ant1



5. Peak-Average Ratio

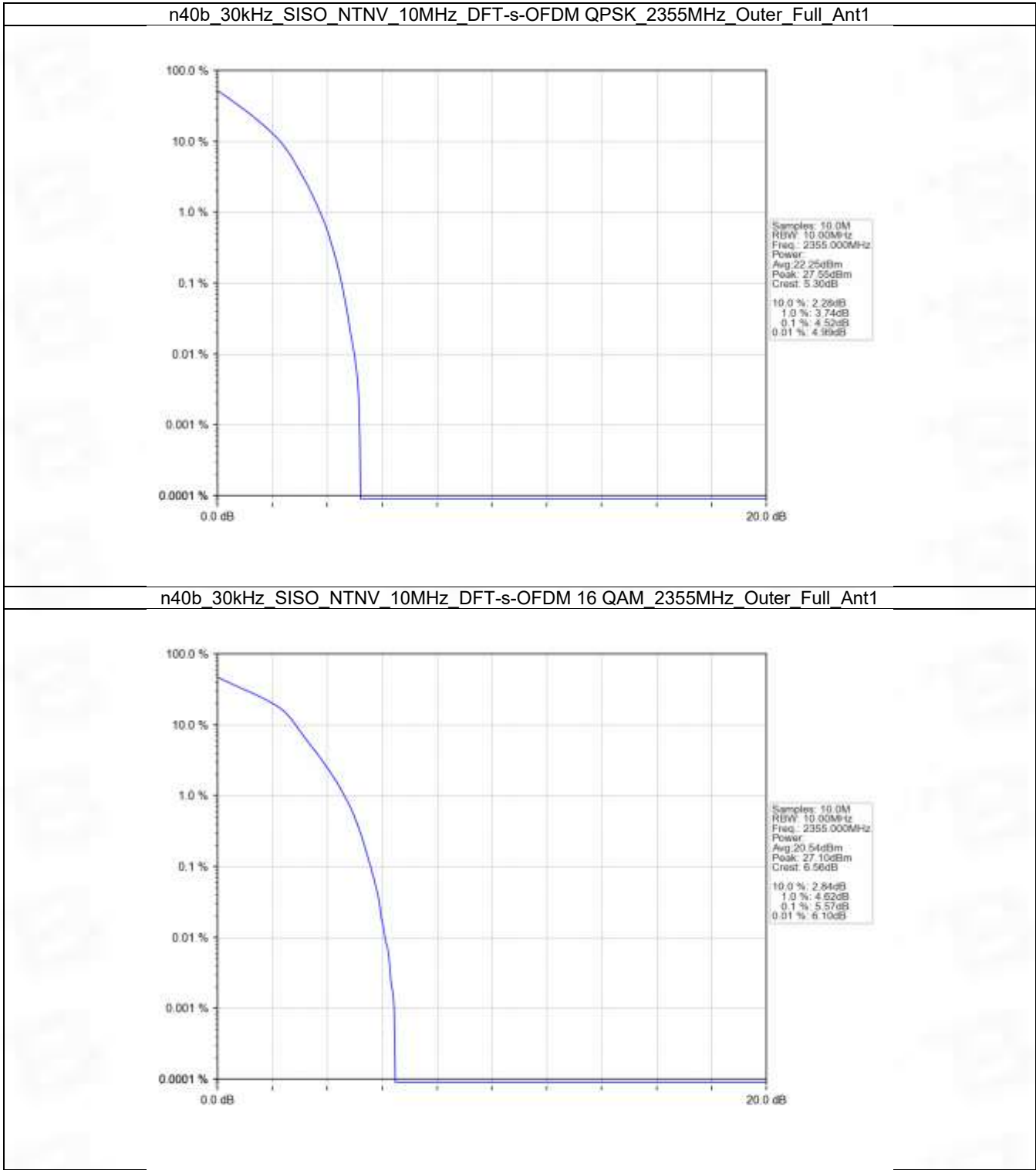
5.1 Test Result

5.1.1 30k_SISO_10MHz_NTNV

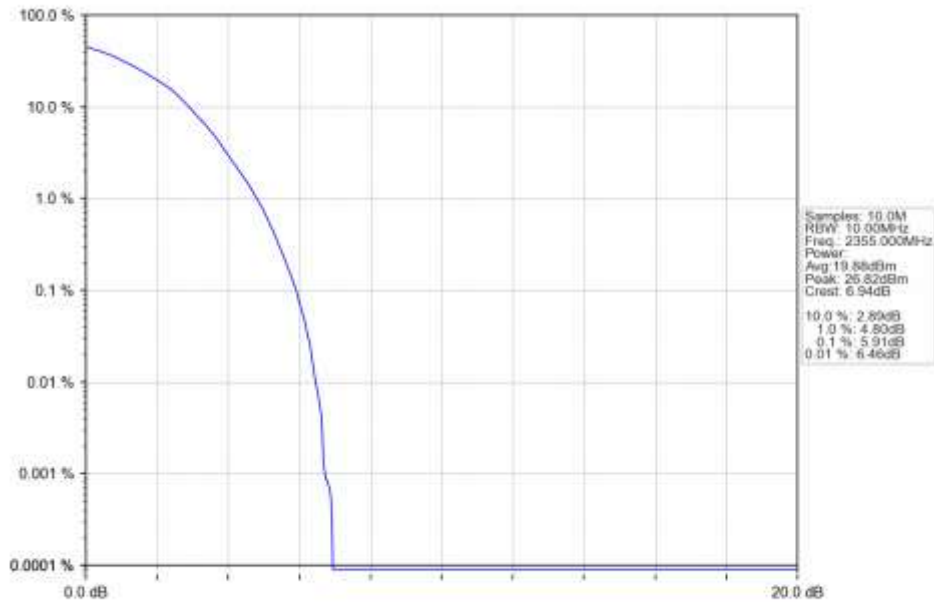
5G NR n40b SCS=30kHz SISO 10MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	2355	Outer Full	4.52	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	2355	Outer Full	5.57	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	2355	Outer Full	5.91	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	2355	Outer Full	6.47	/	/	<=13	Pass
CP-OFDM QPSK	2355	Outer Full	5.40	/	/	<=13	Pass
CP-OFDM 16 QAM	2355	Outer Full	6.99	/	/	<=13	Pass
CP-OFDM 64 QAM	2355	Outer Full	7.33	/	/	<=13	Pass
CP-OFDM 256 QAM	2355	Outer Full	8.20	/	/	<=13	Pass

5.2 Test Graph

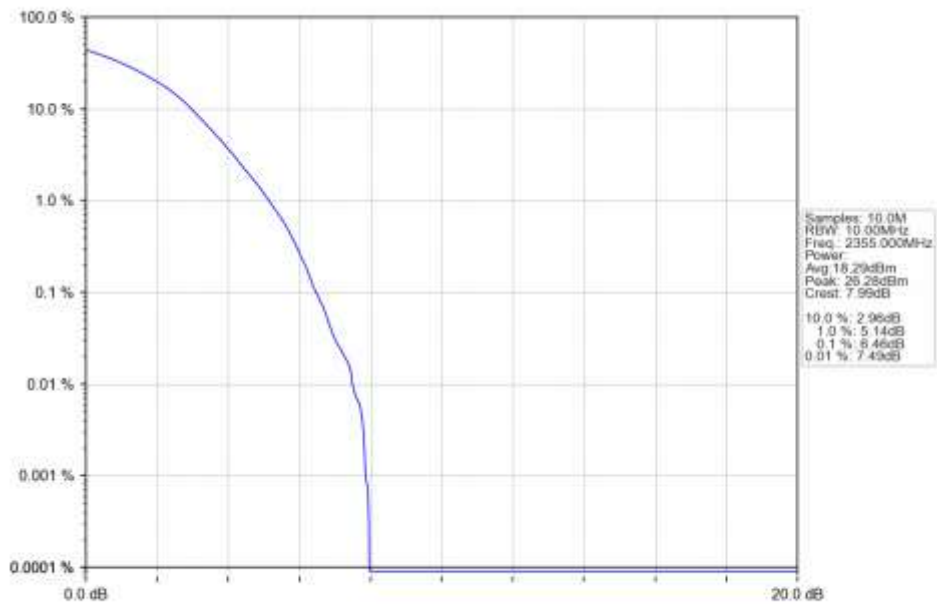
5.2.1 30k_SISO_10MHz_NTNV



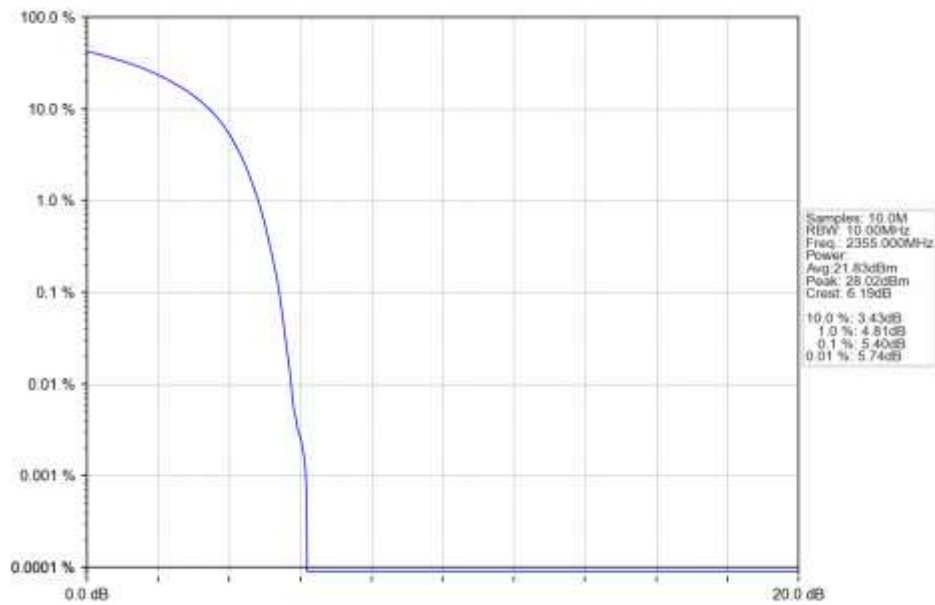
n40b 30kHz SISO NTN 10MHz DFT-s-OFDM 64 QAM 2355MHz Outer Full Ant1



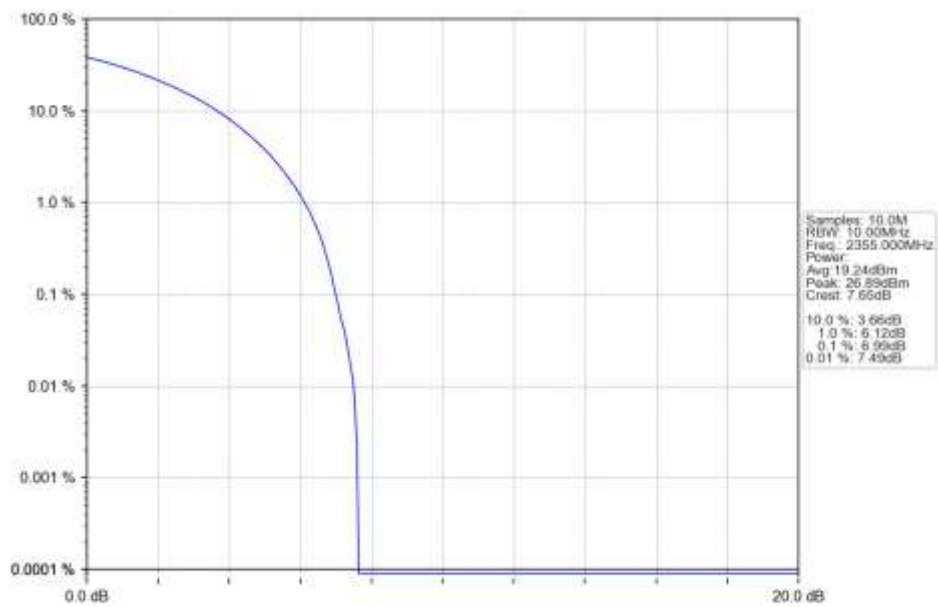
n40b 30kHz SISO NTN 10MHz DFT-s-OFDM 256 QAM 2355MHz Outer Full Ant1



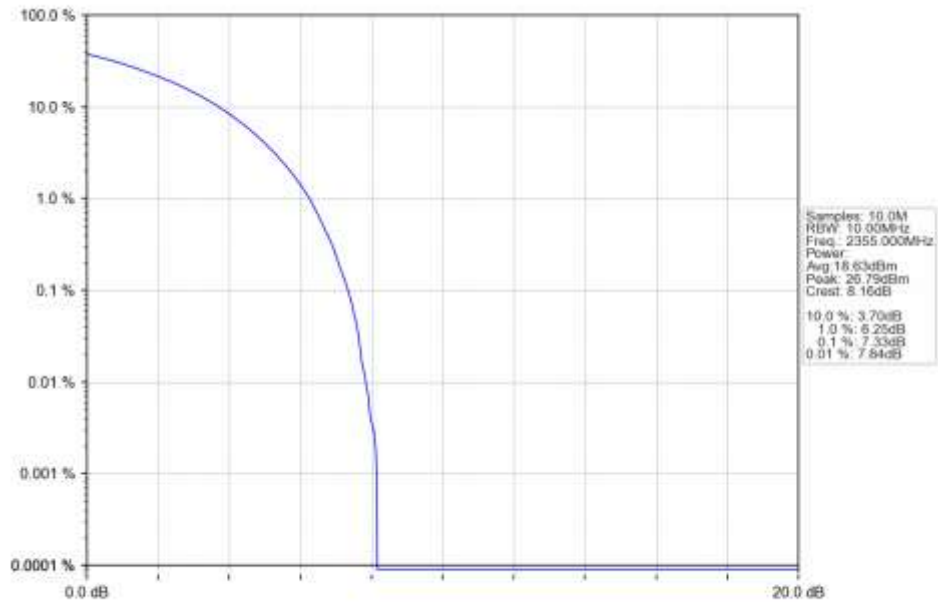
n40b 30kHz SISO NTN 10MHz CP-OFDM QPSK 2355MHz Outer Full Ant1



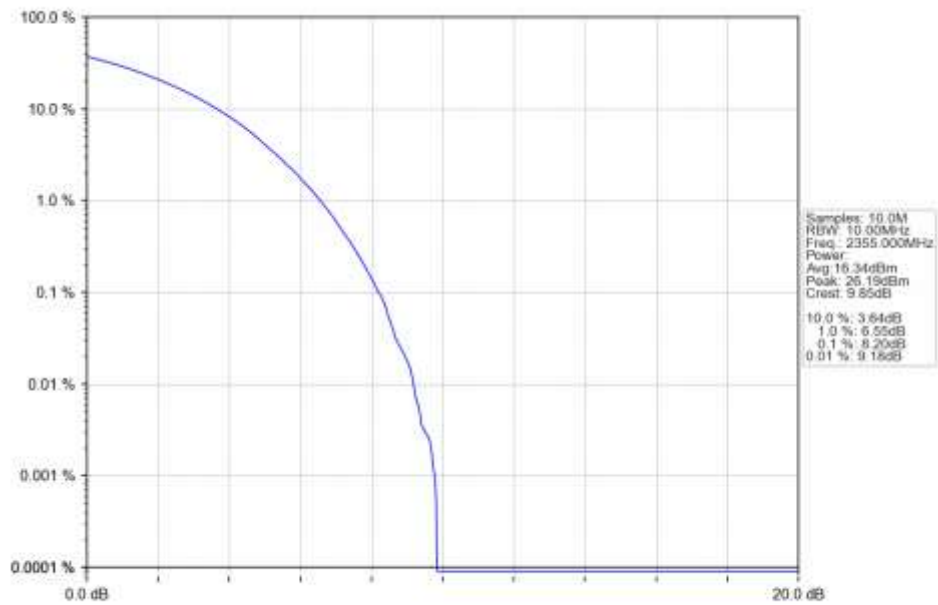
n40b 30kHz SISO NTN 10MHz CP-OFDM 16 QAM 2355MHz Outer Full Ant1



n40b 30kHz SISO NTN 10MHz CP-OFDM 64 QAM 2355MHz Outer Full Ant1



n40b 30kHz SISO NTN 10MHz CP-OFDM 256 QAM 2355MHz Outer Full Ant1



6. Spurious Emission

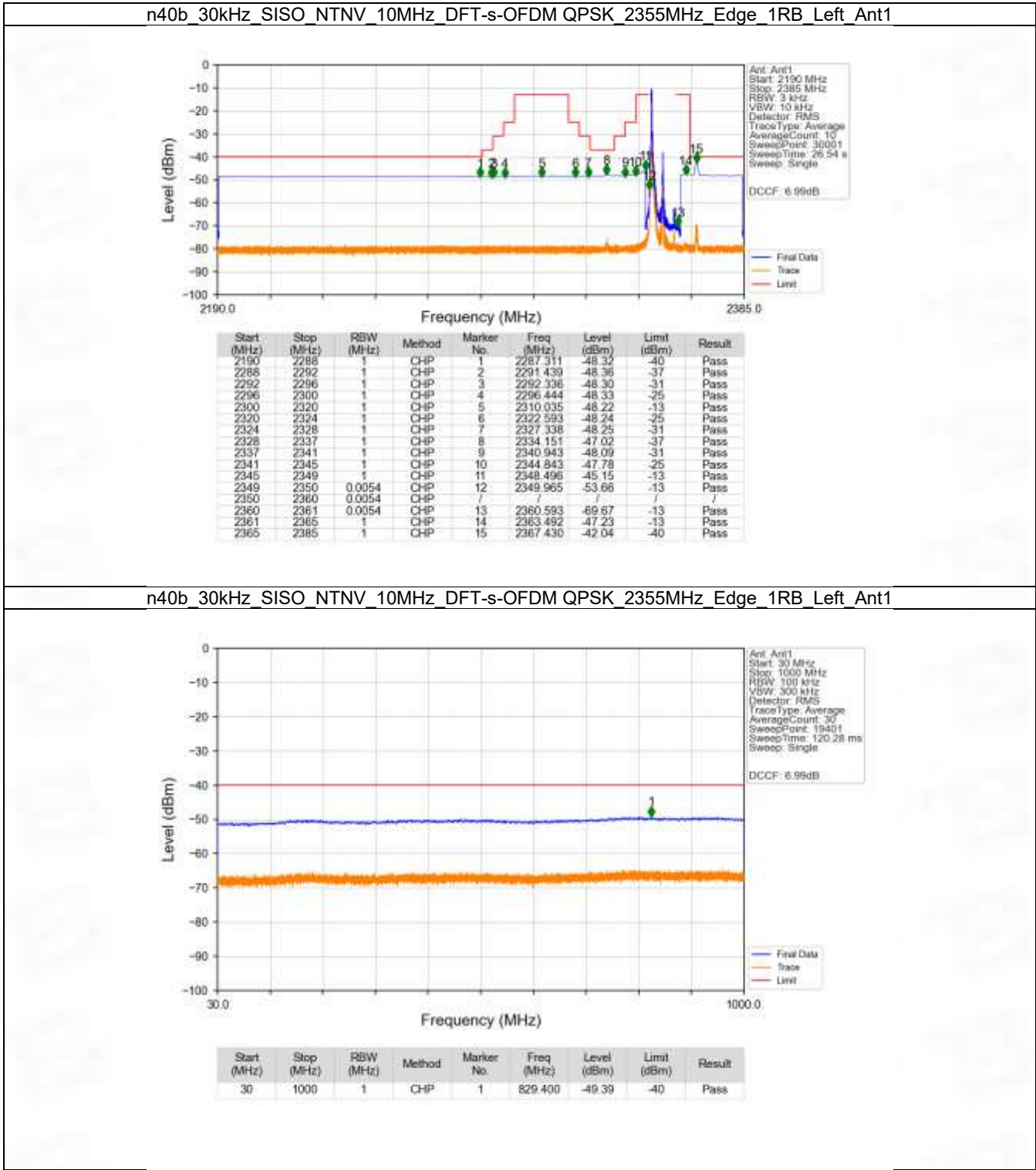
6.1 Test Result

6.1.1 30k_SISO_10MHz_NTNV

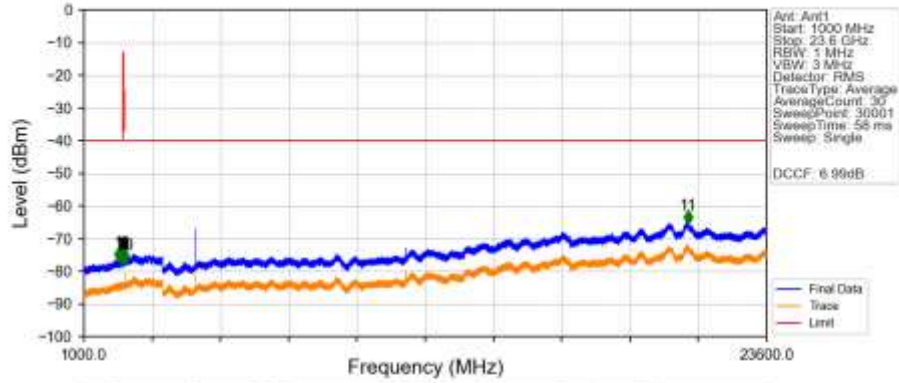
5G NR n40b SCS=30kHz SISO 10MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	2355	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
		Inner_1RB_Left	Refer To Test Graph				Pass
CP-OFDM QPSK	2355	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
		Inner_1RB_Left	Refer To Test Graph				Pass

6.2 Test Graph

6.2.1 30k_SISO_10MHz_NTNV

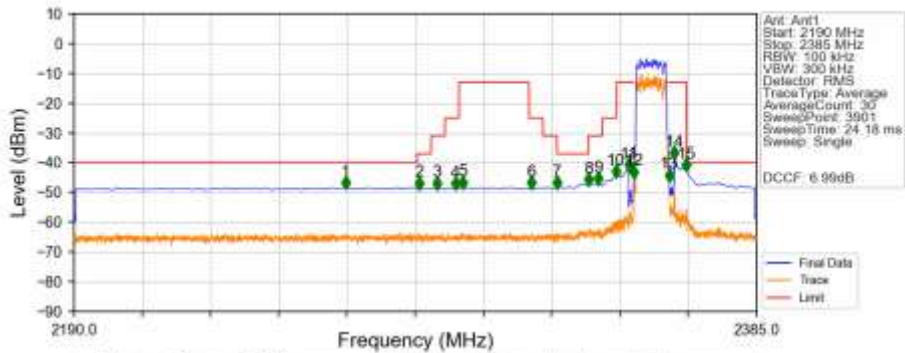


n40b 30kHz SISO NTN 10MHz DFT-s-OFDM QPSK 2355MHz Edge 1RB Left Ant1



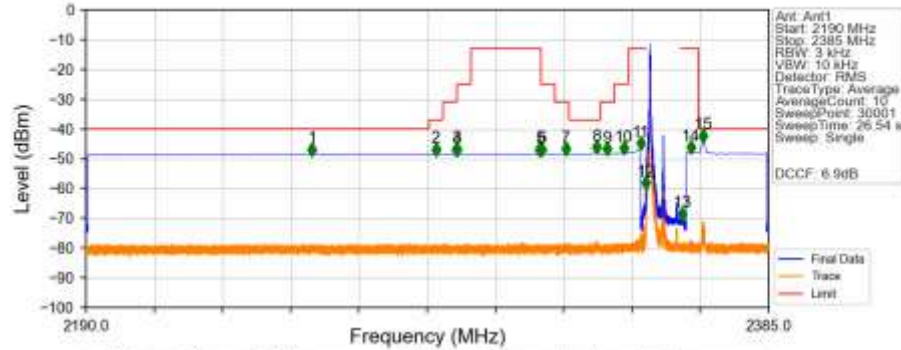
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	2288	1	/	1	2149.587	-76.34	-40	Pass
2288	2292	1	/	2	2288.200	-76.77	-37	Pass
2292	2296	1	/	3	2293.473	-77.06	-31	Pass
2296	2300	1	/	4	2298.747	-76.84	-25	Pass
2300	2320	1	/	5	2313.060	-76.67	-13	Pass
2320	2324	1	/	6	2322.100	-77.30	-25	Pass
2324	2328	1	/	7	2325.113	-77.33	-31	Pass
2328	2337	1	/	8	2332.647	-76.73	-37	Pass
2337	2341	1	/	9	2338.673	-76.88	-31	Pass
2341	2345	1	/	10	2341.687	-77.15	-25	Pass
2345	2365	1	/	/	/	/	/	/
2365	23600	1	/	11	21007.780	-64.93	-40	Pass

n40b 30kHz SISO NTN 10MHz DFT-s-OFDM QPSK 2355MHz Outer Full Ant1



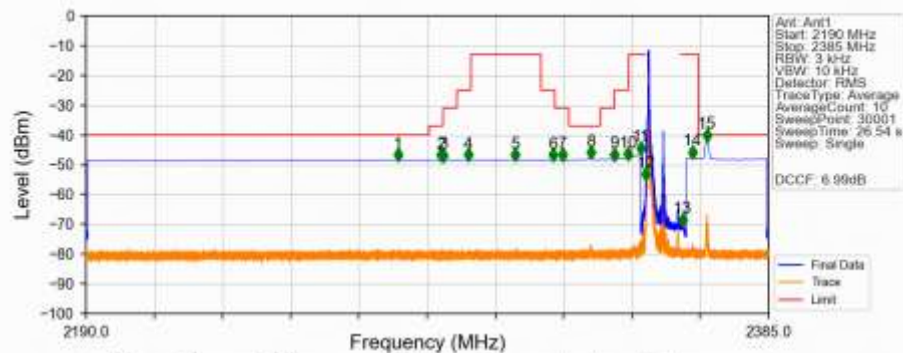
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2190	2288	1	CHP	1	2267.650	-48.33	-40	Pass
2288	2292	1	CHP	2	2288.750	-48.40	-37	Pass
2292	2296	1	CHP	3	2293.650	-48.46	-31	Pass
2296	2300	1	CHP	4	2298.950	-48.50	-25	Pass
2300	2320	1	CHP	5	2301.050	-48.13	-13	Pass
2320	2324	1	CHP	6	2320.700	-48.31	-25	Pass
2324	2328	1	CHP	7	2328.000	-48.29	-31	Pass
2328	2337	1	CHP	8	2337.000	-47.16	-37	Pass
2337	2341	1	CHP	9	2339.800	-46.95	-31	Pass
2341	2345	1	CHP	10	2344.850	-44.47	-25	Pass
2345	2349	1	CHP	11	2348.500	-42.34	-13	Pass
2349	2350	0.10291	CHP	12	2349.950	-44.64	-13	Pass
2350	2360	0.10291	CHP	/	/	/	/	/
2360	2361	0.10291	CHP	13	2360.050	-45.70	-13	Pass
2361	2365	1	CHP	14	2361.500	-38.26	-13	Pass
2365	2385	1	CHP	15	2365.050	-42.27	-40	Pass

n40b 30kHz SISO NTN 10MHz DFT-s-OFDM QPSK 2355MHz Inner 1RB Left Ant1



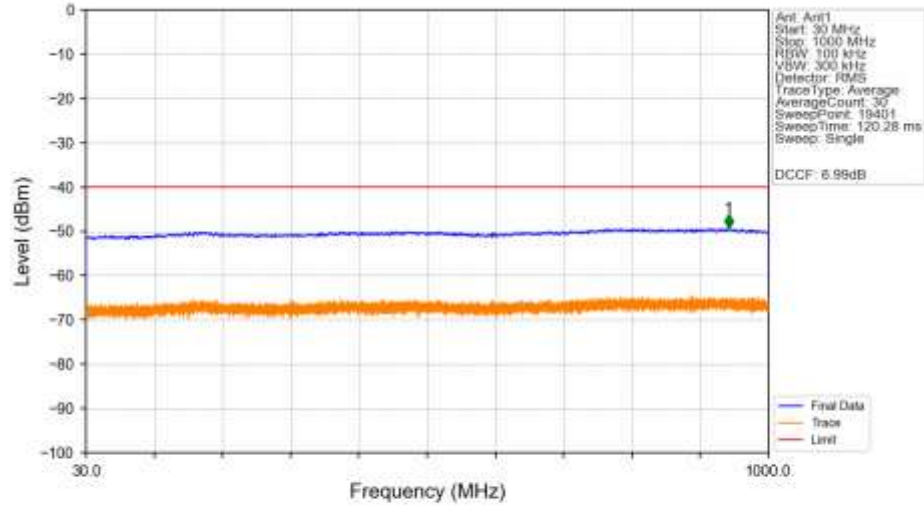
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2190	2288	1	CHP	1	2254.630	-48.36	-40	Pass
2288	2292	1	CHP	2	2289.938	-48.39	-37	Pass
2292	2296	1	CHP	3	2295.716	-48.40	-31	Pass
2296	2300	1	CHP	4	2296.093	-48.40	-25	Pass
2300	2320	1	CHP	5	2319.638	-48.37	-13	Pass
2320	2324	1	CHP	6	2320.156	-48.39	-25	Pass
2324	2328	1	CHP	7	2327.098	-48.32	-31	Pass
2328	2337	1	CHP	8	2335.997	-47.68	-37	Pass
2337	2341	1	CHP	9	2338.967	-48.27	-31	Pass
2341	2345	1	CHP	10	2343.699	-48.04	-25	Pass
2345	2349	1	CHP	11	2348.496	-46.32	-13	Pass
2349	2350	0.0054	CHP	12	2349.997	-59.61	-13	Pass
2350	2360	0.0054	CHP	/	/	/	/	/
2360	2361	0.0054	CHP	13	2360.391	-70.08	-13	Pass
2361	2365	1	CHP	14	2362.829	-47.68	-13	Pass
2365	2385	1	CHP	15	2366.371	-43.82	-40	Pass

n40b 30kHz SISO NTN 10MHz CP-OFDM QPSK 2355MHz Edge 1RB Left Ant1

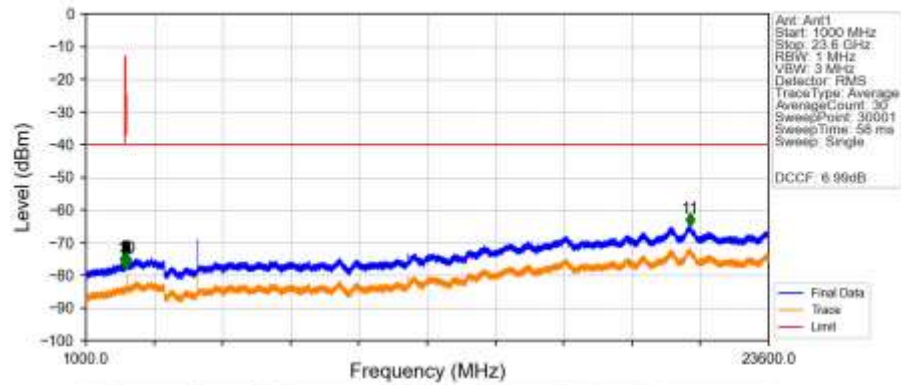


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2190	2288	1	CHP	1	2279.180	-48.32	-40	Pass
2288	2292	1	CHP	2	2291.465	-48.32	-37	Pass
2292	2296	1	CHP	3	2292.005	-48.33	-31	Pass
2296	2300	1	CHP	4	2299.220	-48.32	-25	Pass
2300	2320	1	CHP	5	2312.629	-48.25	-13	Pass
2320	2324	1	CHP	6	2323.497	-48.28	-25	Pass
2324	2328	1	CHP	7	2326.195	-48.29	-31	Pass
2328	2337	1	CHP	8	2334.274	-47.36	-37	Pass
2337	2341	1	CHP	9	2340.950	-48.13	-31	Pass
2341	2345	1	CHP	10	2344.999	-47.91	-25	Pass
2345	2349	1	CHP	11	2348.490	-45.93	-13	Pass
2349	2350	0.0054	CHP	12	2349.978	-54.75	-13	Pass
2350	2360	0.0054	CHP	/	/	/	/	/
2360	2361	0.0054	CHP	13	2360.495	-70.08	-13	Pass
2361	2365	1	CHP	14	2363.296	-47.26	-13	Pass
2365	2385	1	CHP	15	2367.405	-41.61	-40	Pass

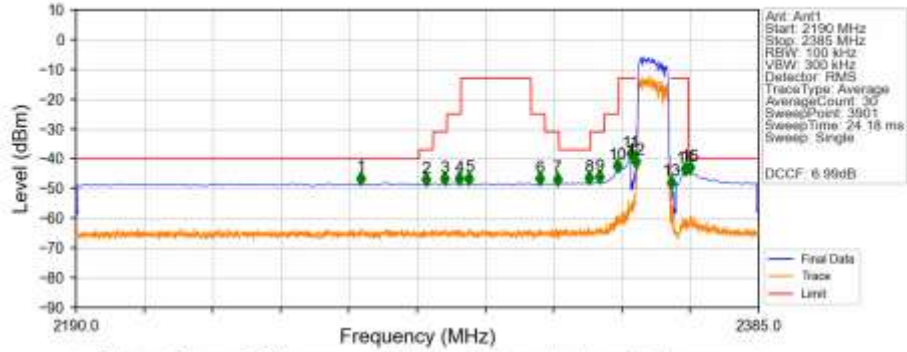
n40b 30kHz SISO NTN 10MHz CP-OFDM QPSK 2355MHz Edge 1RB Left Ant1



n40b 30kHz SISO NTN 10MHz CP-OFDM QPSK 2355MHz Edge 1RB Left Ant1

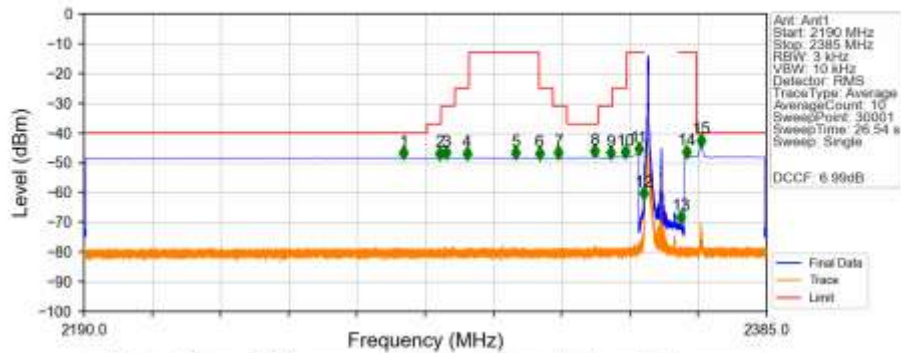


n40b 30kHz SISO NTN 10MHz CP-OFDM QPSK 2355MHz Outer Full Ant1



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2190	2288	1	CHP	1	2271.400	-48.19	-40	Pass
2288	2292	1	CHP	2	2290.050	-48.54	-37	Pass
2292	2296	1	CHP	3	2295.350	-48.29	-31	Pass
2296	2300	1	CHP	4	2299.600	-48.20	-25	Pass
2300	2320	1	CHP	5	2302.350	-48.13	-13	Pass
2320	2324	1	CHP	6	2322.500	-48.34	-25	Pass
2324	2328	1	CHP	7	2327.500	-48.38	-31	Pass
2328	2337	1	CHP	8	2336.600	-48.03	-37	Pass
2337	2341	1	CHP	9	2339.600	-47.73	-31	Pass
2341	2345	1	CHP	10	2344.650	-44.01	-25	Pass
2345	2349	1	CHP	11	2348.500	-39.90	-13	Pass
2349	2350	0.1296	CHP	12	2349.950	-42.40	-13	Pass
2350	2360	0.1296	CHP	/	/	/	/	/
2360	2361	0.1296	CHP	13	2360.150	-49.48	-13	Pass
2361	2365	1	CHP	14	2364.100	-44.99	-13	Pass
2365	2385	1	CHP	15	2365.450	-44.56	-40	Pass

n40b 30kHz SISO NTN 10MHz CP-OFDM QPSK 2355MHz Inner 1RB Left Ant1



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2190	2288	1	CHP	1	2281.312	-48.28	-40	Pass
2288	2292	1	CHP	2	2291.731	-48.33	-37	Pass
2292	2296	1	CHP	3	2293.454	-48.27	-31	Pass
2296	2300	1	CHP	4	2299.492	-48.33	-25	Pass
2300	2320	1	CHP	5	2313.247	-48.22	-13	Pass
2320	2324	1	CHP	6	2320.117	-48.33	-25	Pass
2324	2328	1	CHP	7	2325.635	-48.31	-31	Pass
2328	2337	1	CHP	8	2336.003	-47.70	-37	Pass
2337	2341	1	CHP	9	2340.430	-48.20	-31	Pass
2341	2345	1	CHP	10	2344.778	-48.03	-25	Pass
2345	2349	1	CHP	11	2348.496	-46.88	-13	Pass
2349	2350	0.0054	CHP	12	2349.978	-61.72	-13	Pass
2350	2360	0.0054	CHP	/	/	/	/	/
2360	2361	0.0054	CHP	13	2360.541	-69.78	-13	Pass
2361	2365	1	CHP	14	2362.296	-47.79	-13	Pass
2365	2385	1	CHP	15	2366.371	-44.02	-40	Pass

7. RSP-100

7.1 Test Result

7.1.1 Power

5G NR n40b									
Band	BW	Lower Freq	High Freq	MAX Power (W)	Value	Hz/ppm	Emission Designator	Rule Parts	MAX Power (dBm)
n40b	10	2355	2355	0.1521	0.0022	ppm	9M08G7D	27D	21.82
				0.1117	0.0029	ppm	8M78W7D	27D	20.48

7.1.2 EIRP

5G NR n40b									
Band	BW	Lower Freq	High Freq	MAX Power (W)	Value	Hz/ppm	Emission Designator	Rule Parts	MAX Power (dBm)
n40b	10	2355	2355	0.0916	0.0022	ppm	9M08G7D	27D	19.62
				0.0673	0.0029	ppm	8M78W7D	27D	18.28