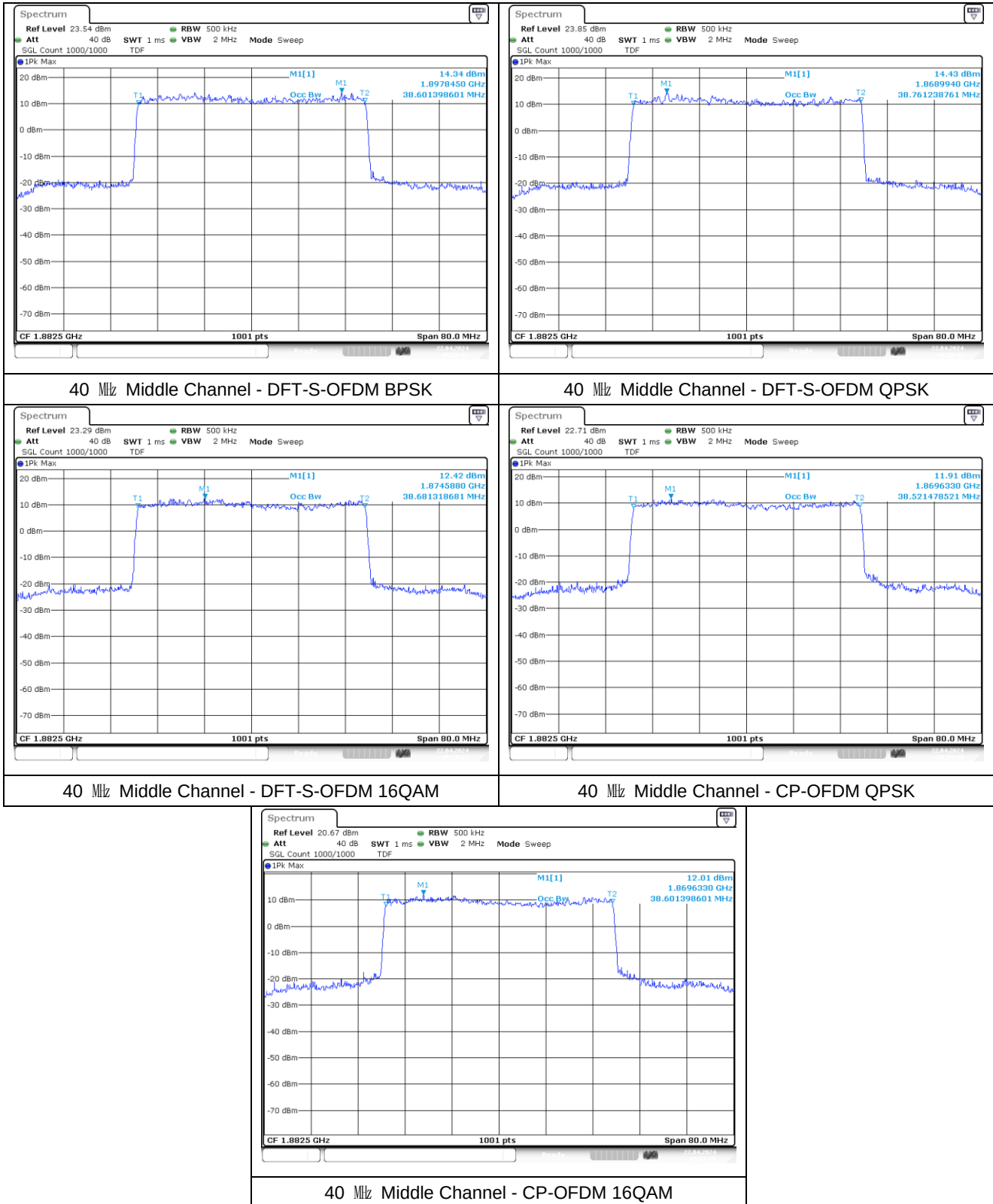
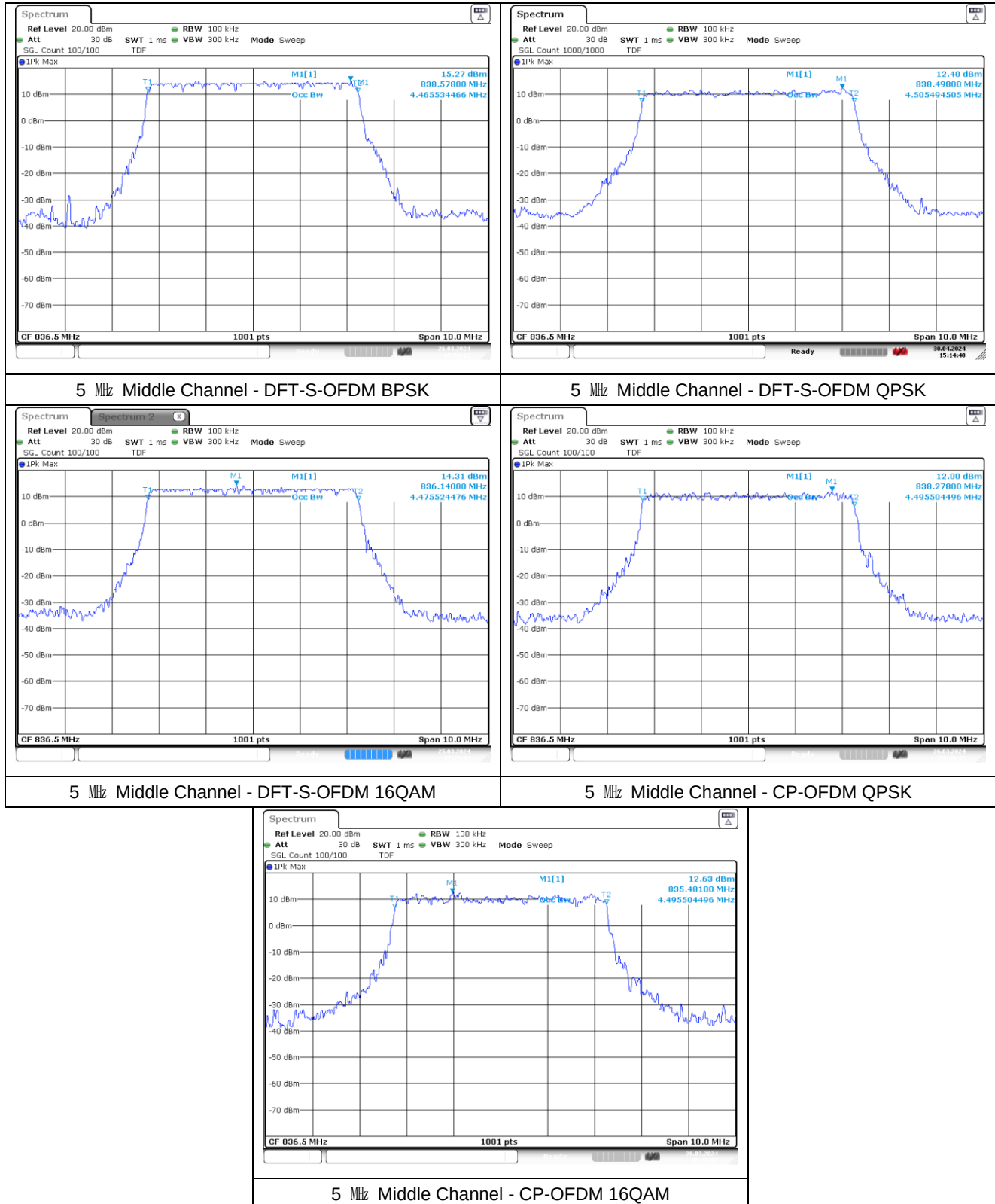


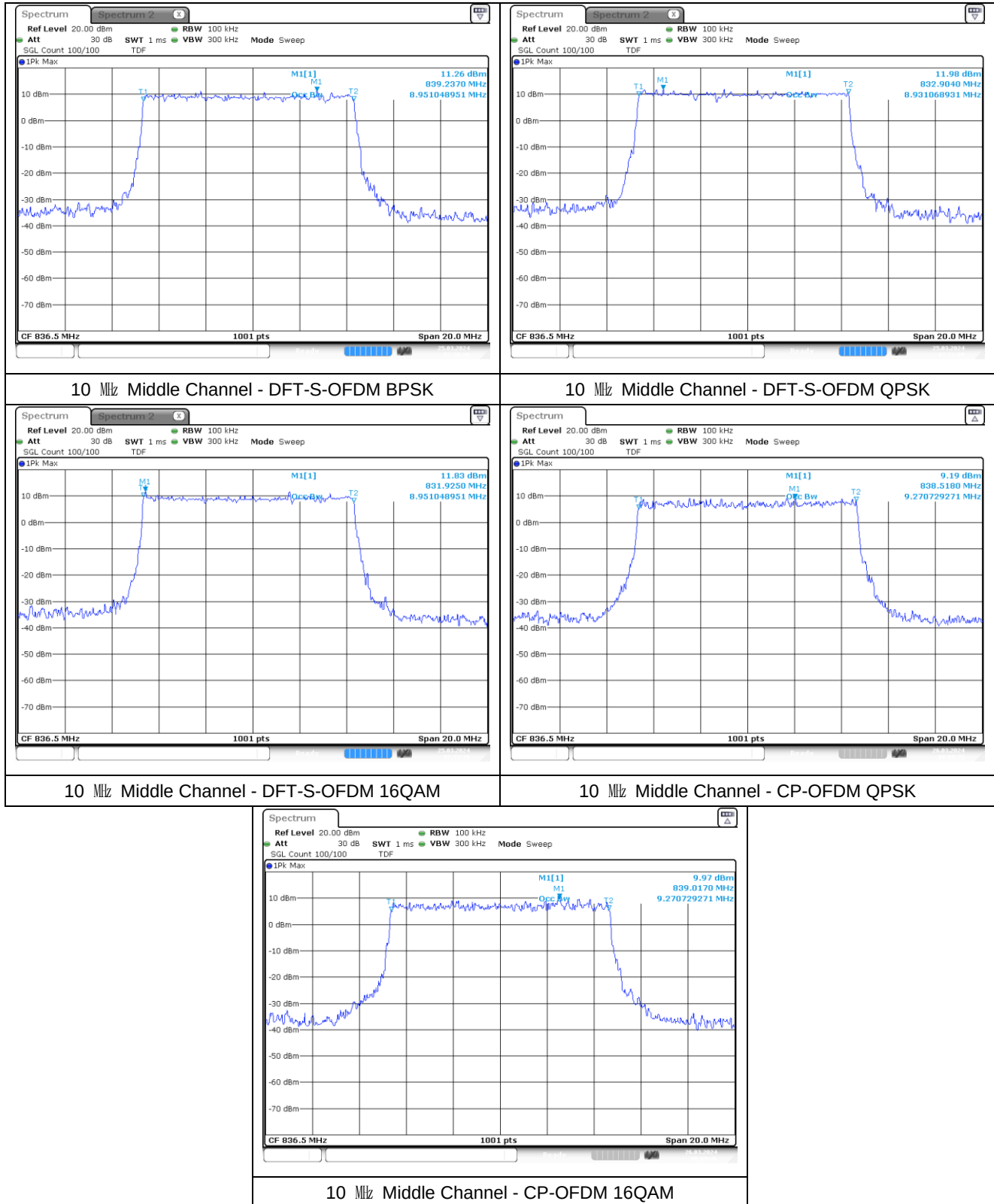
NR band 25/2



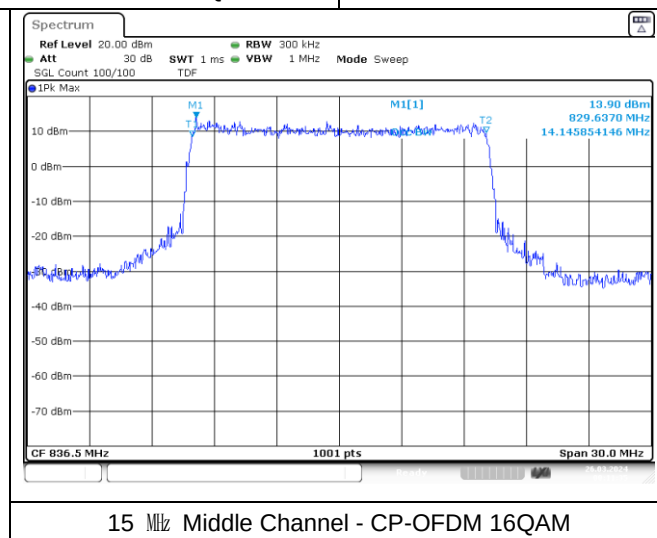
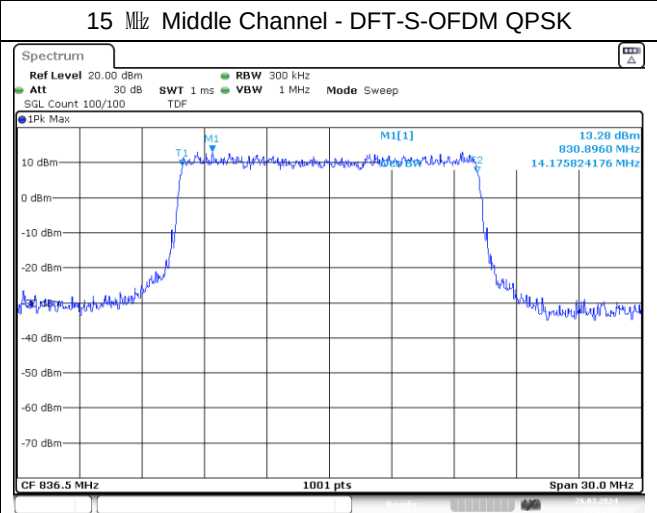
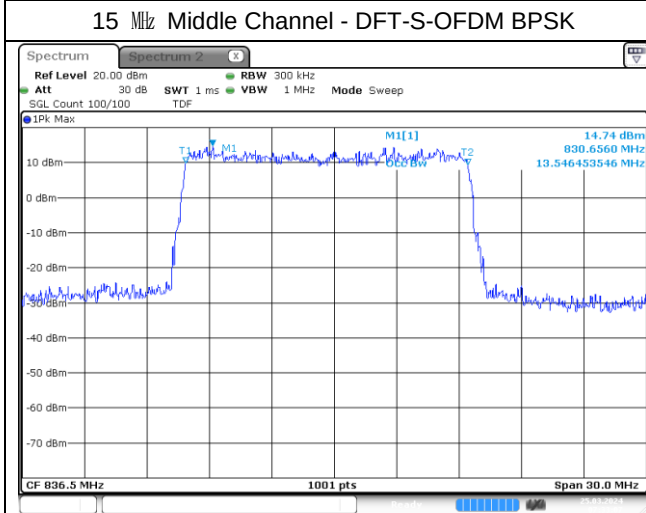
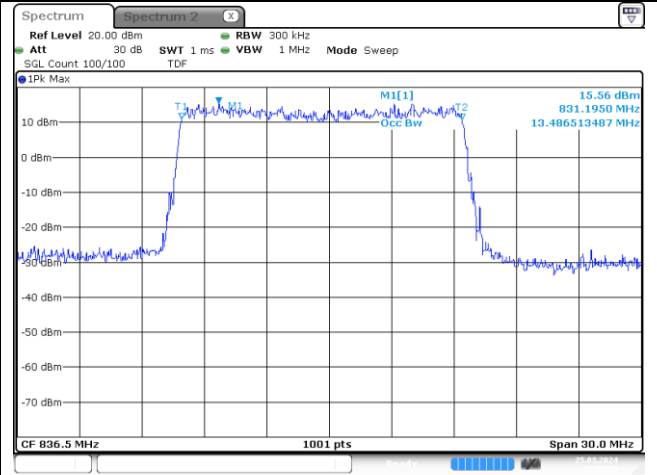
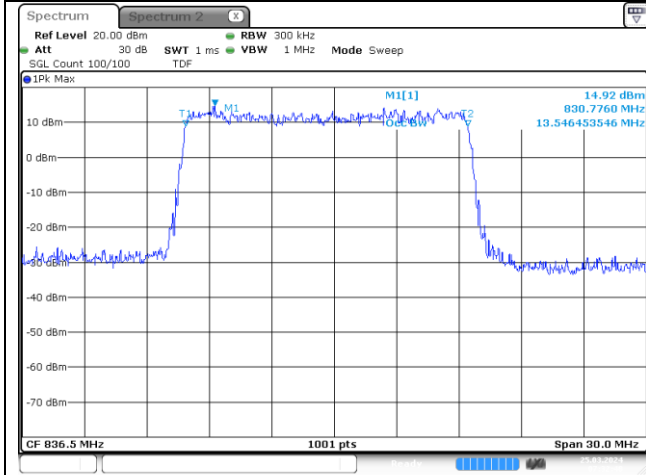
NR band 26/5_Part 22



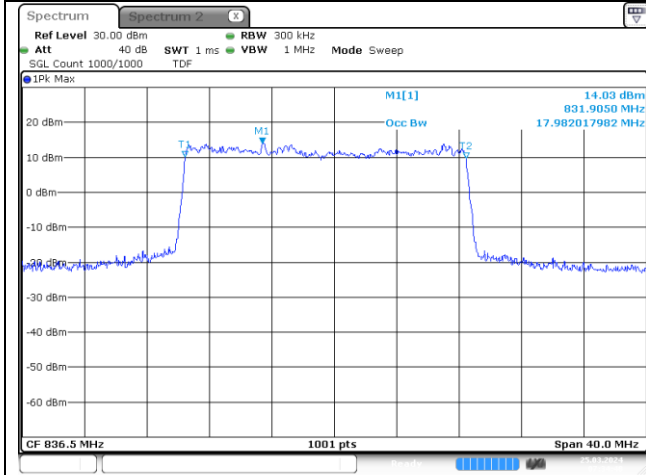
NR band 26/5_Part 22



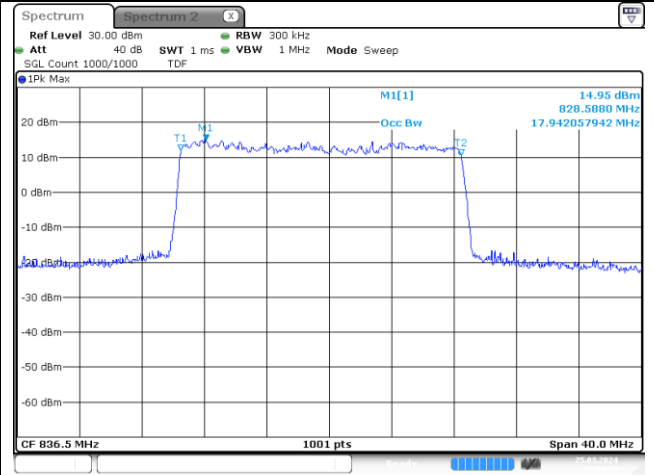
NR band 26/5_Part 22



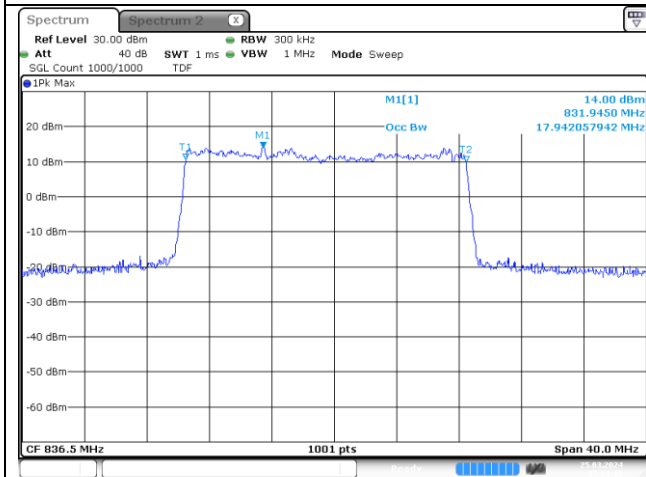
NR band 26/5_Part 22



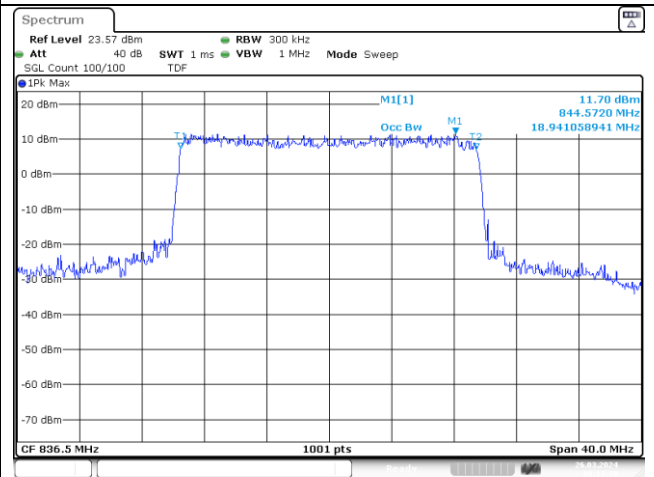
20 MHz Middle Channel - DFT-S-OFDM BPSK



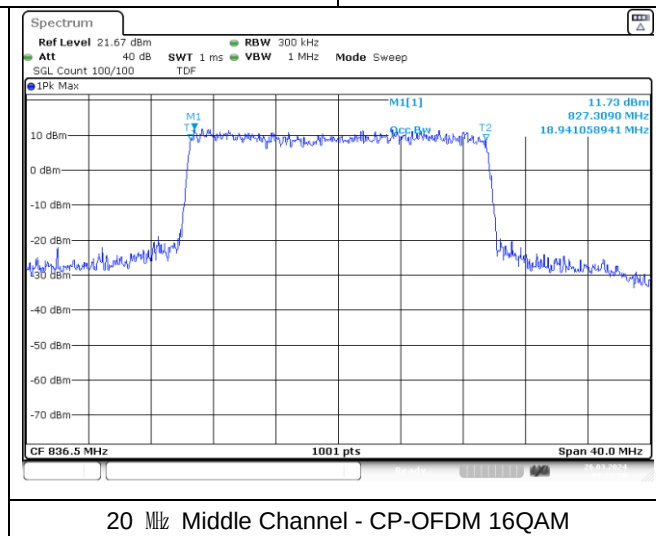
20 MHz Middle Channel - DFT-S-OFDM QPSK



20 MHz Middle Channel - DFT-S-OFDM 16QAM

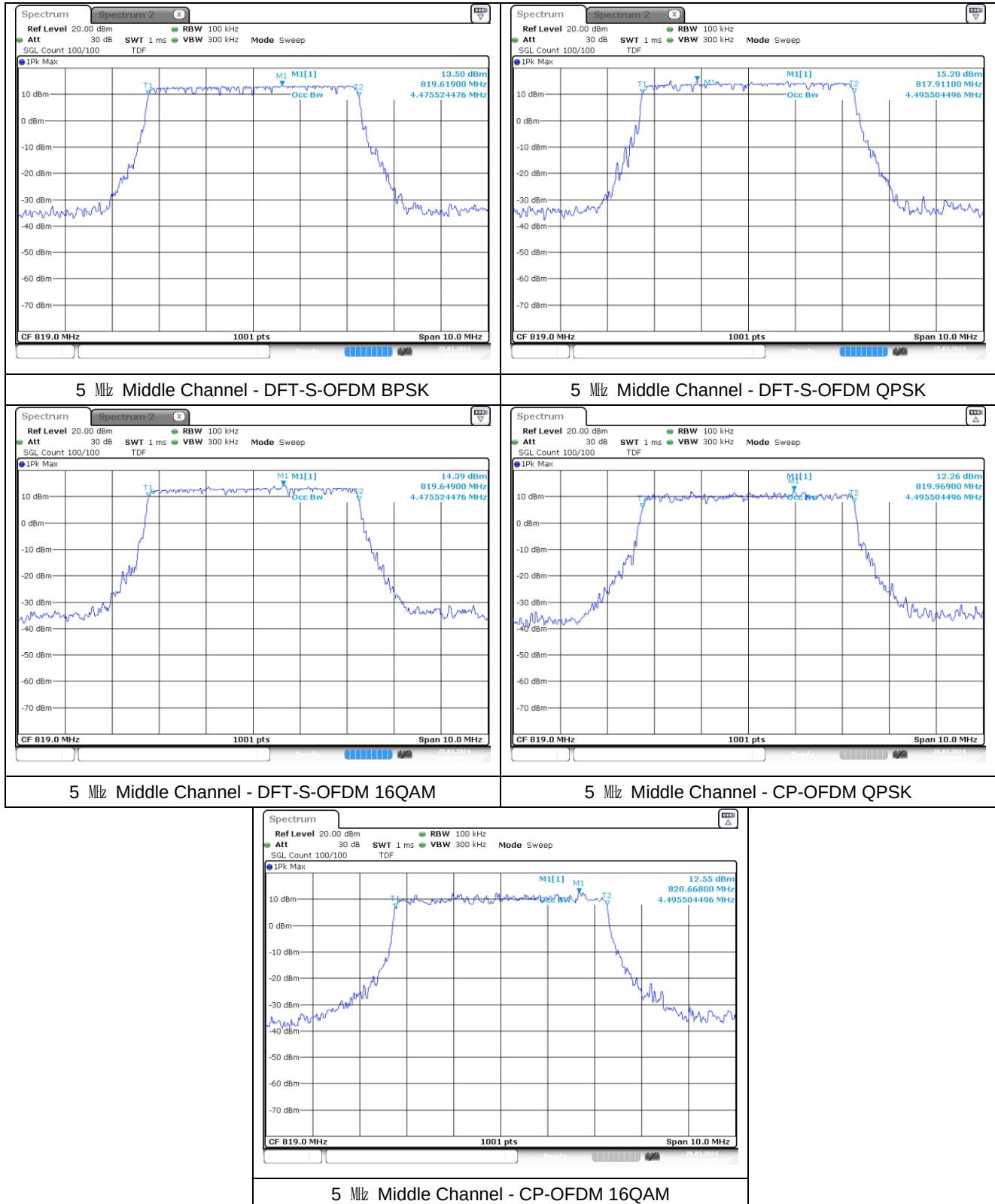


20 MHz Middle Channel - CP-OFDM QPSK

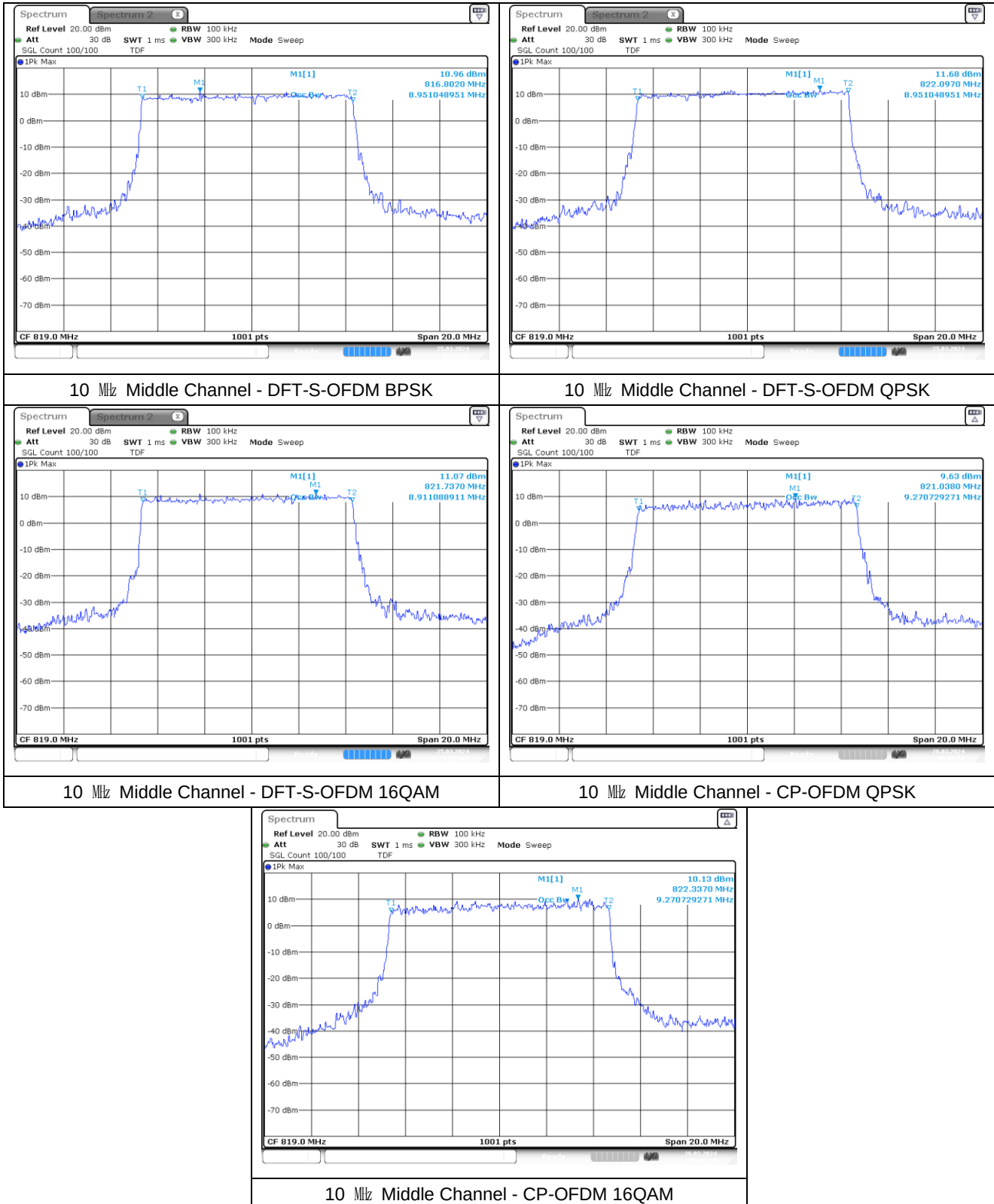


20 MHz Middle Channel - CP-OFDM 16QAM

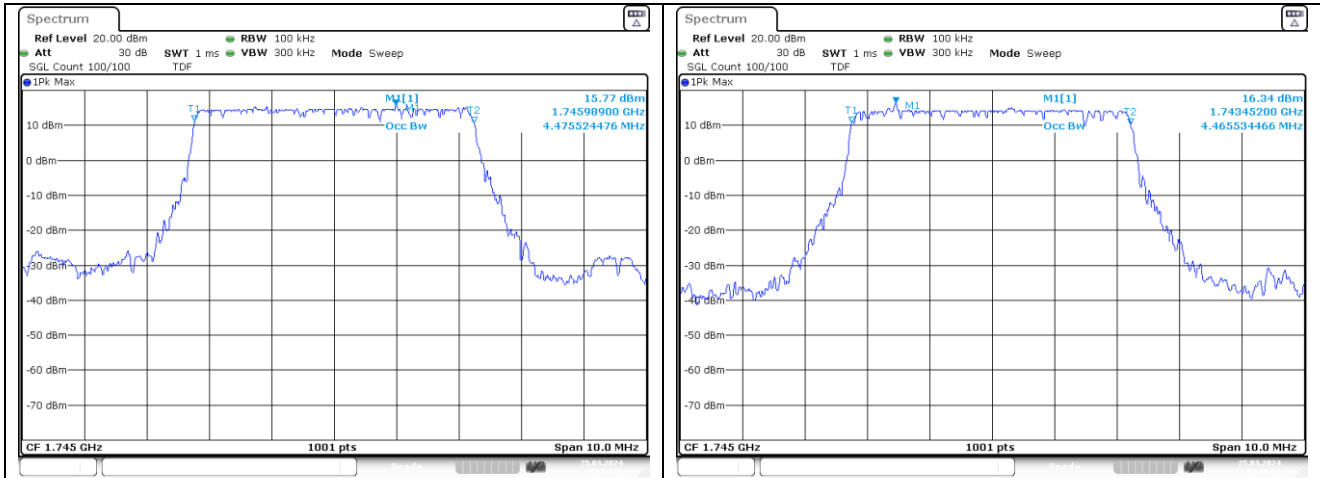
NR band 26/5_Part 90



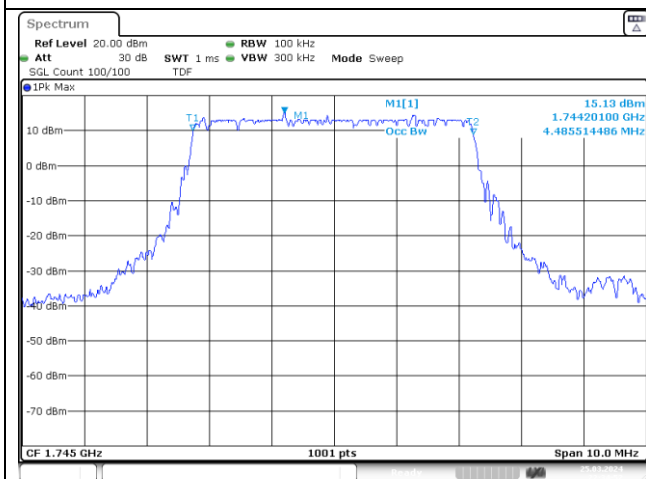
NR band 26/5_Part 90



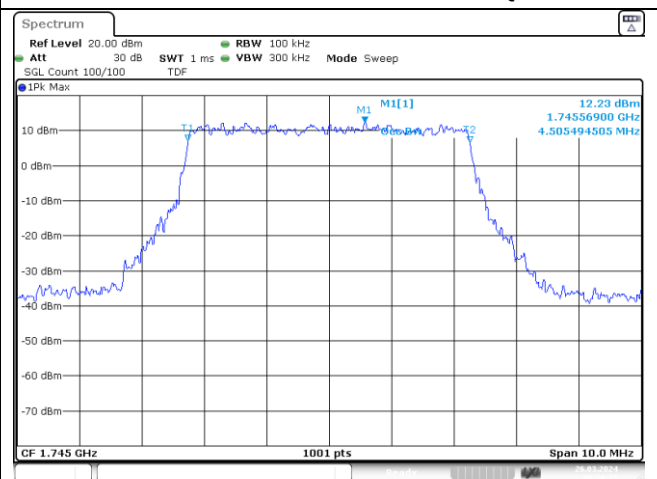
NR band 66



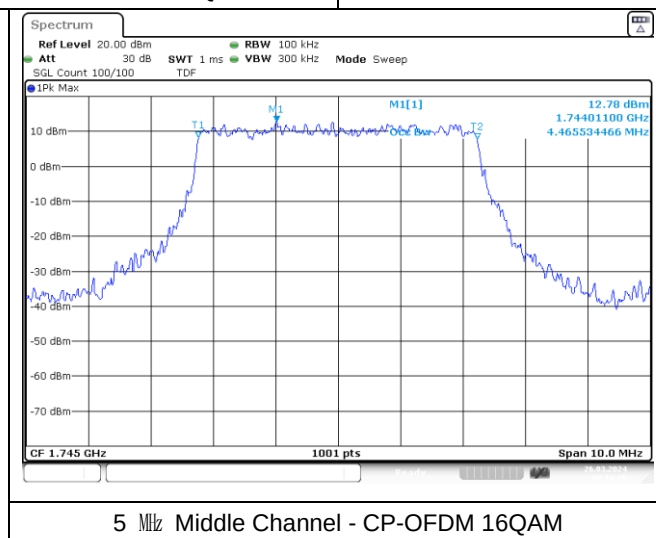
5 MHz Middle Channel - DFT-S-OFDM BPSK



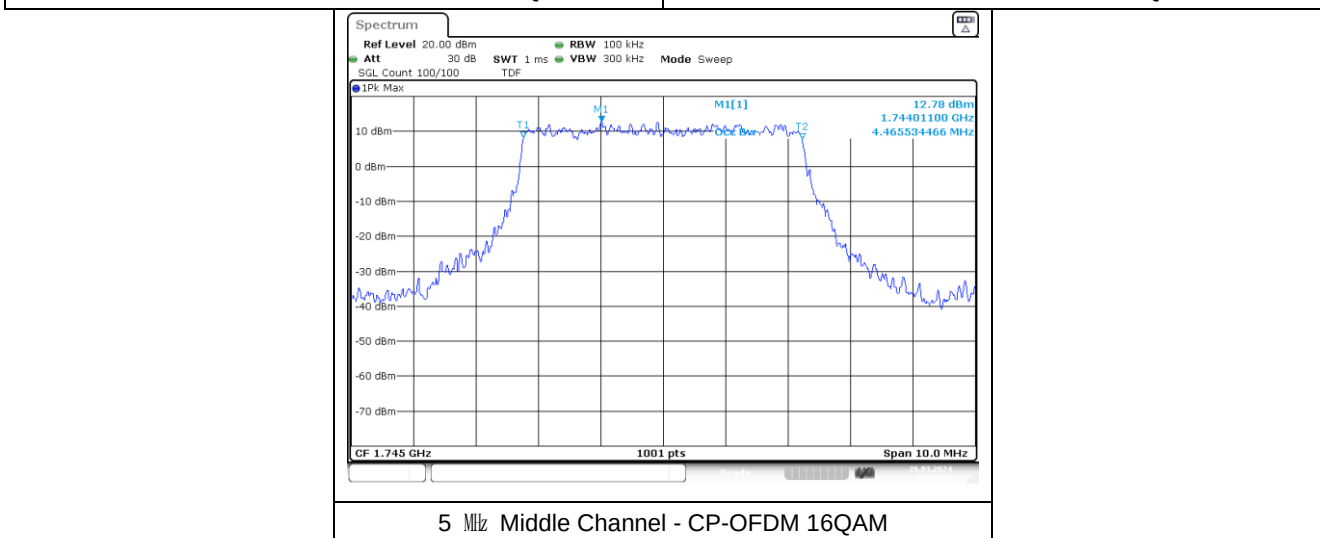
5 MHz Middle Channel - DFT-S-OFDM QPSK



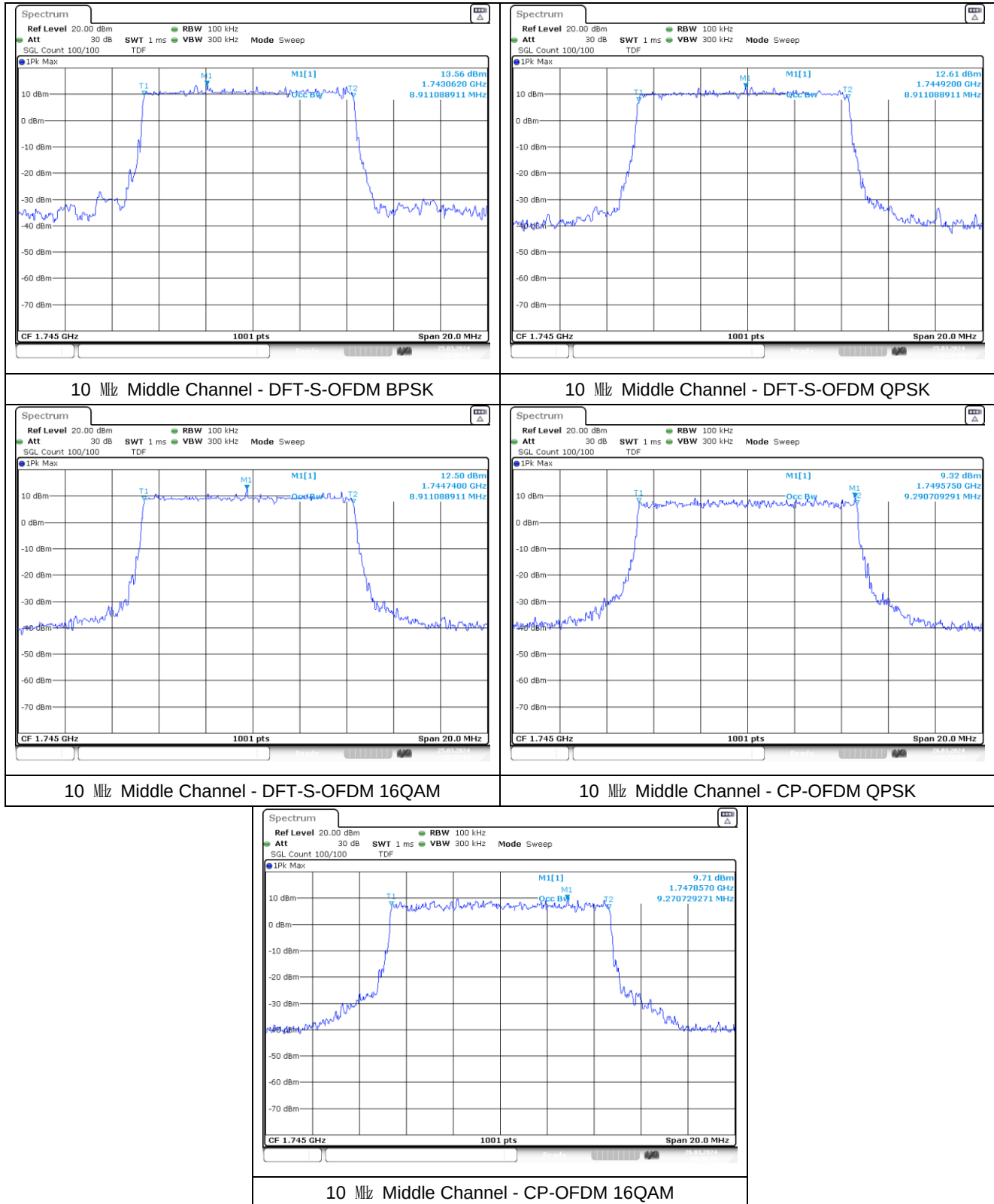
5 MHz Middle Channel - DFT-S-OFDM 16QAM



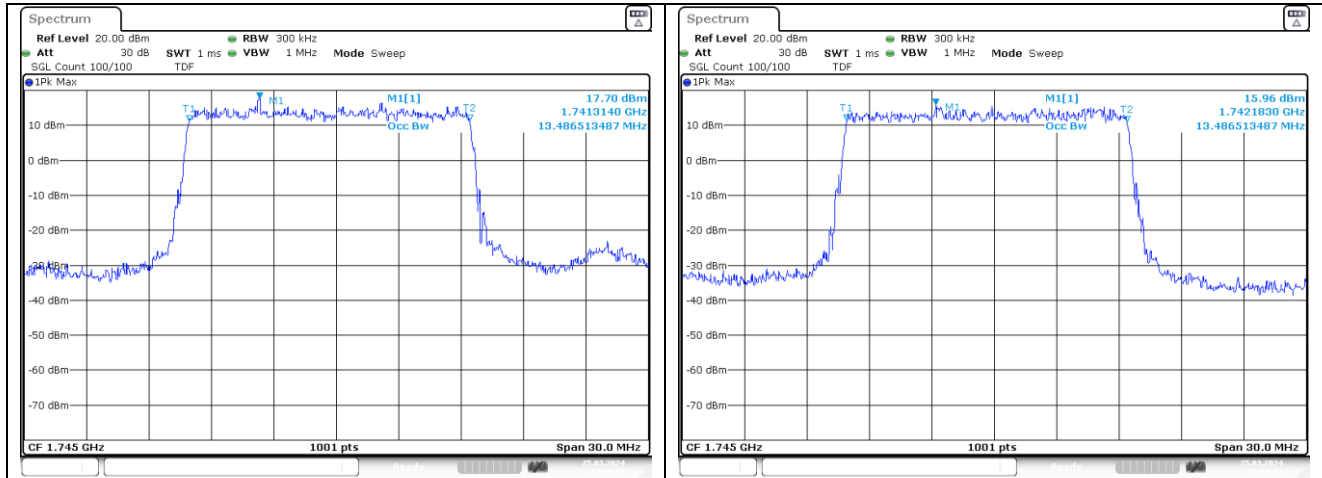
5 MHz Middle Channel - CP-OFDM QPSK



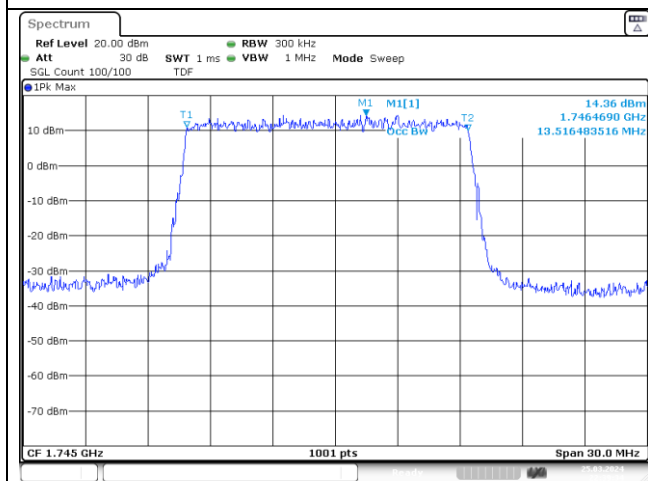
NR band 66



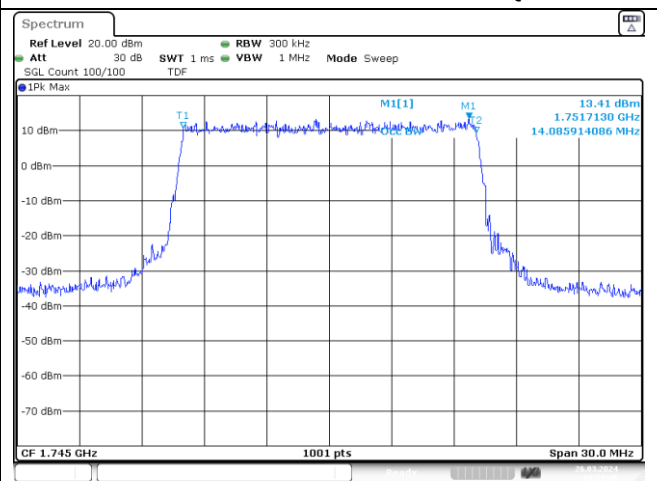
NR band 66



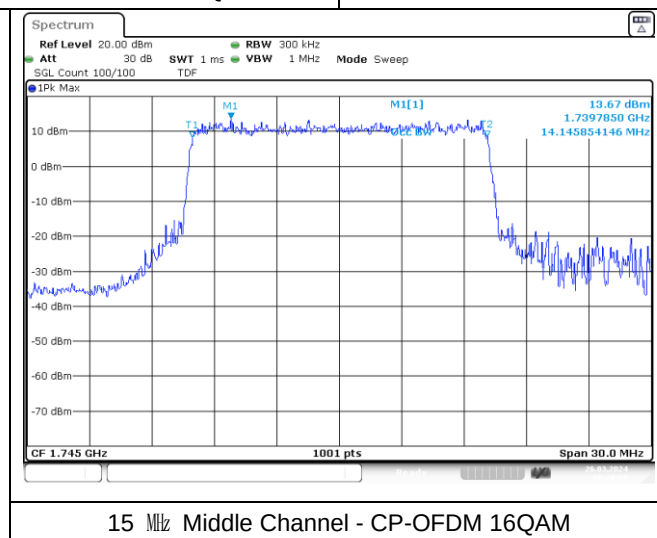
15 MHz Middle Channel - DFT-S-OFDM BPSK



15 MHz Middle Channel - DFT-S-OFDM QPSK

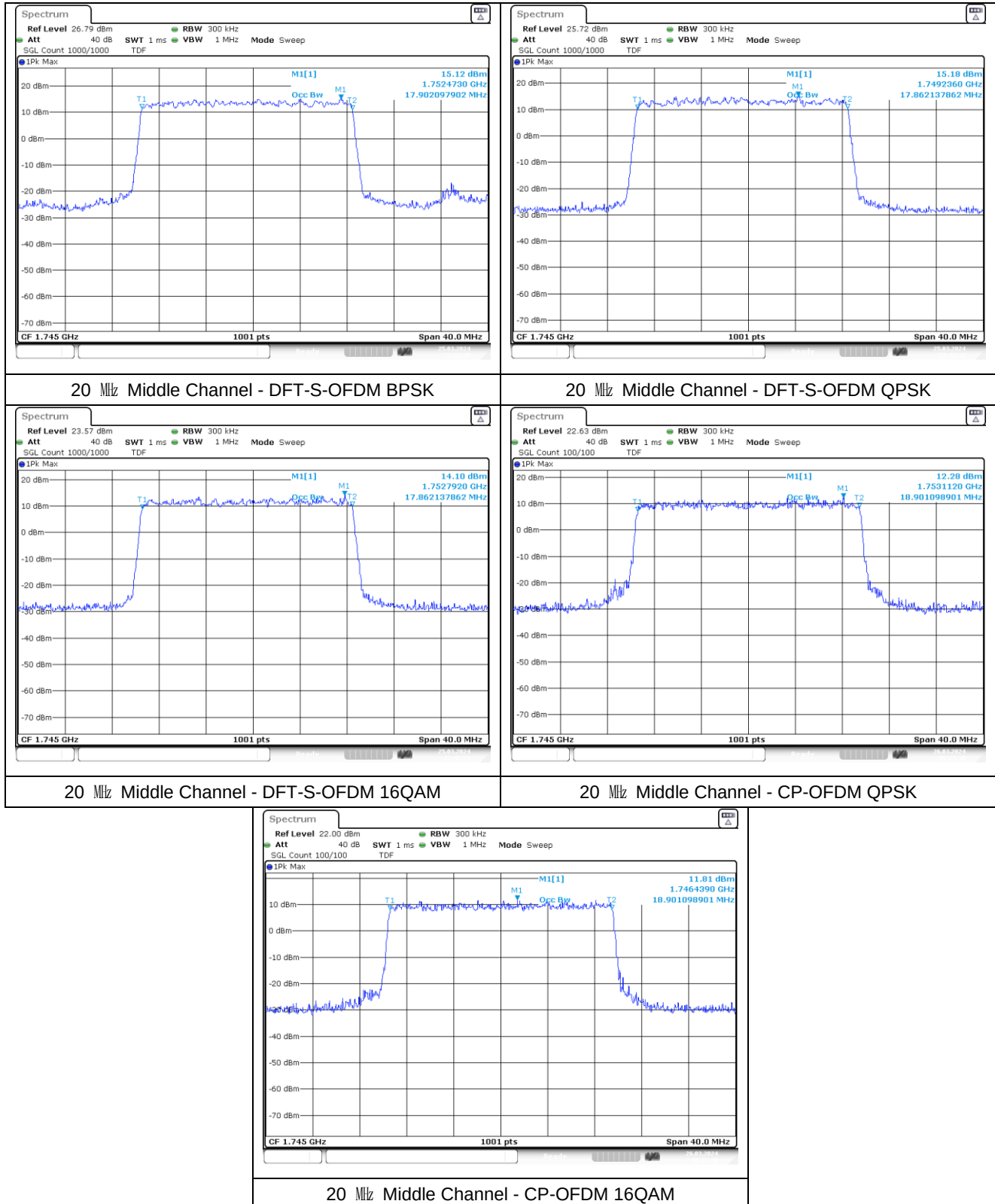


15 MHz Middle Channel - DFT-S-OFDM 16QAM

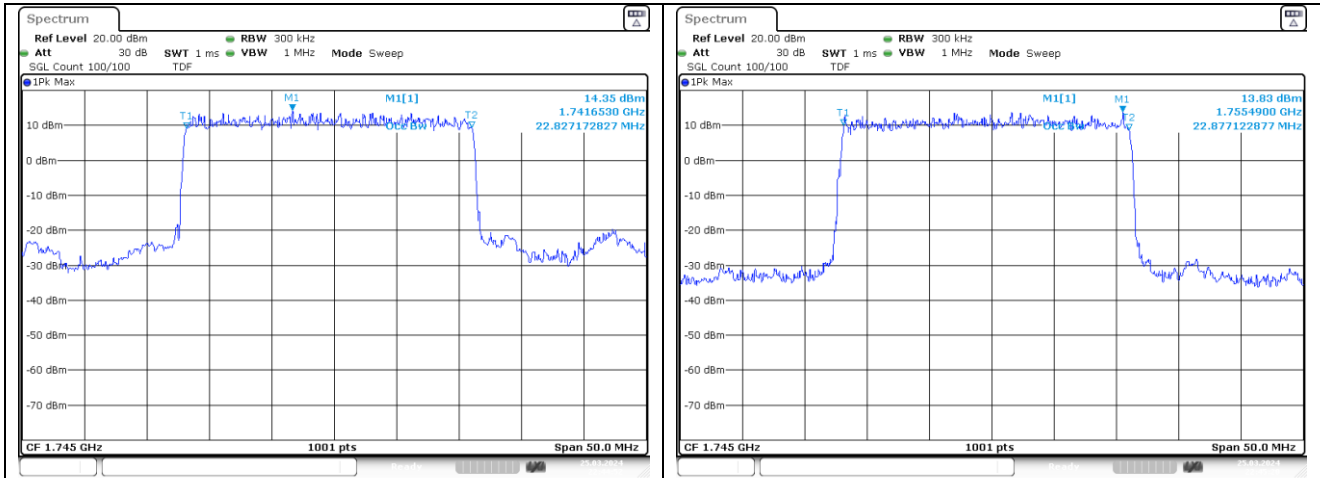


15 MHz Middle Channel - CP-OFDM QPSK

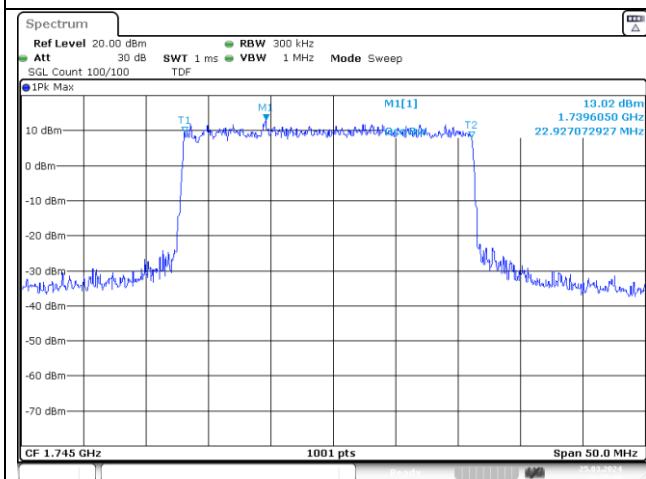
NR band 66



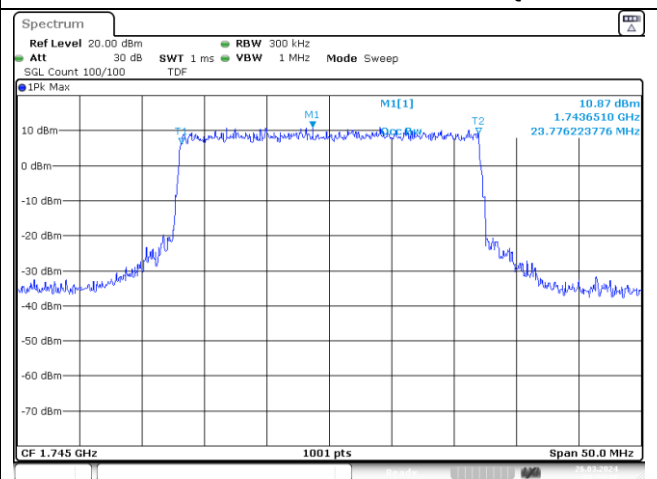
NR band 66



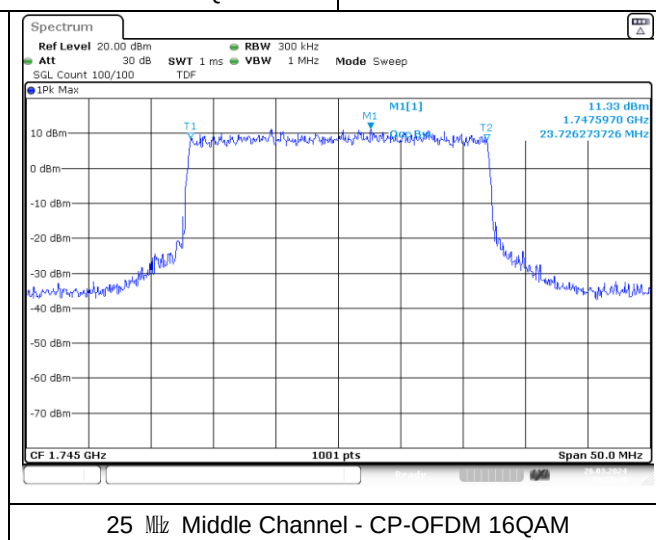
25 MHz Middle Channel - DFT-S-OFDM BPSK



25 MHz Middle Channel - DFT-S-OFDM QPSK

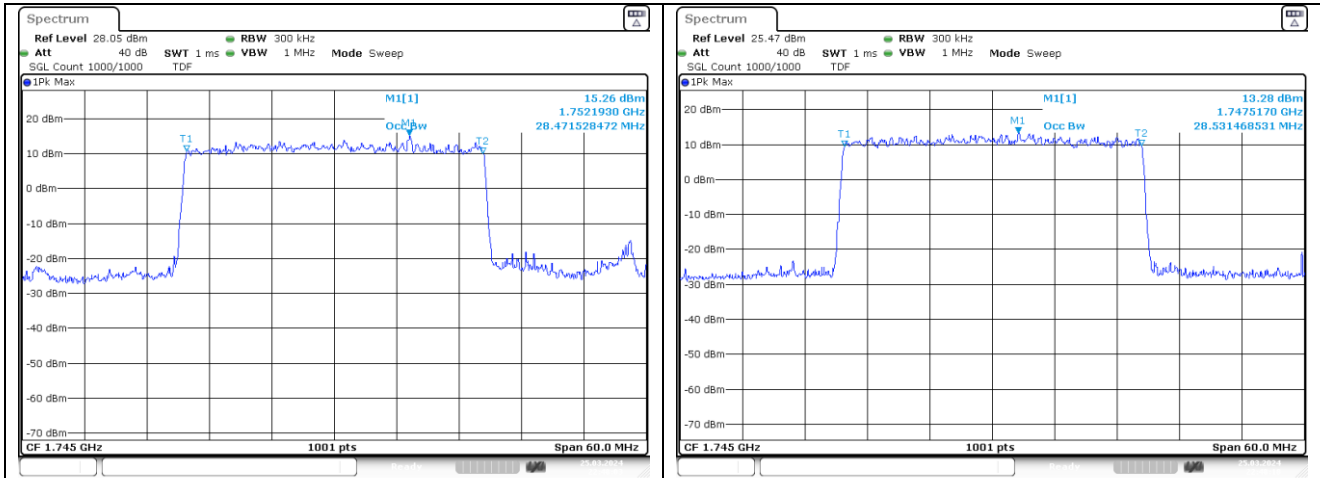


25 MHz Middle Channel - DFT-S-OFDM 16QAM

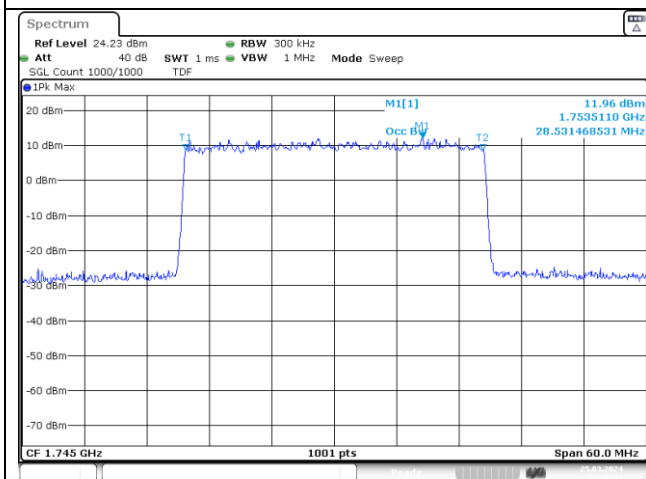


25 MHz Middle Channel - CP-OFDM QPSK

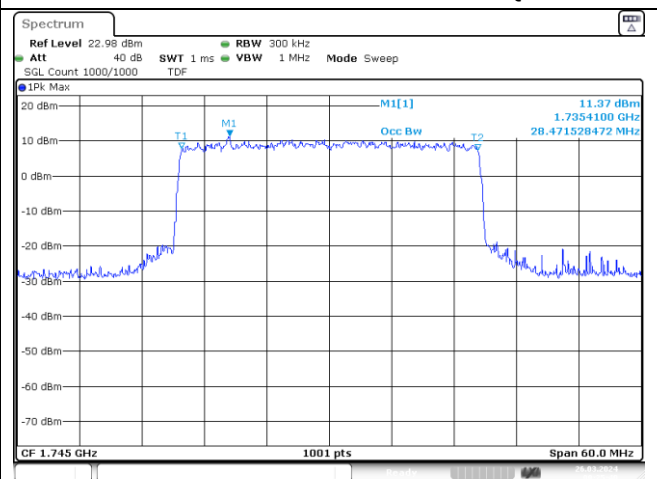
NR band 66



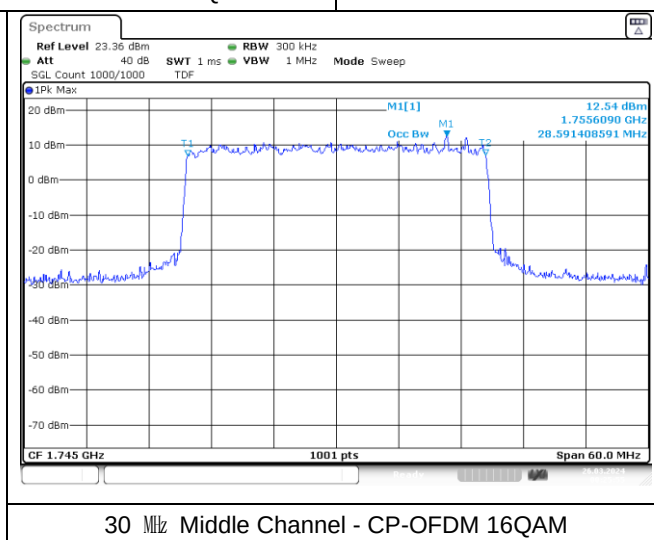
30 MHz Middle Channel - DFT-S-OFDM BPSK



30 MHz Middle Channel - DFT-S-OFDM QPSK

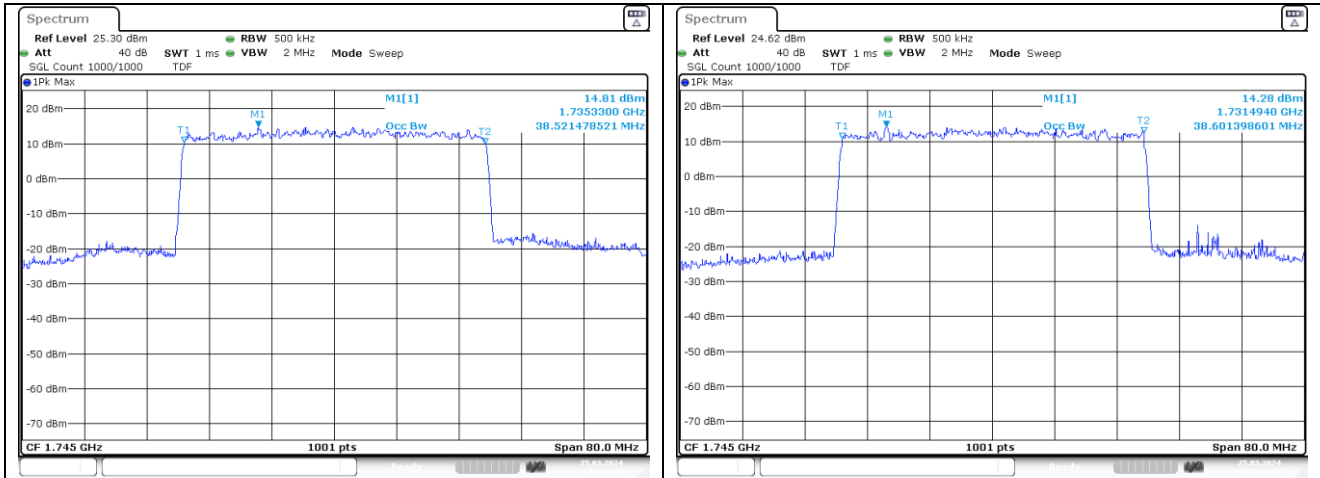


30 MHz Middle Channel - DFT-S-OFDM 16QAM

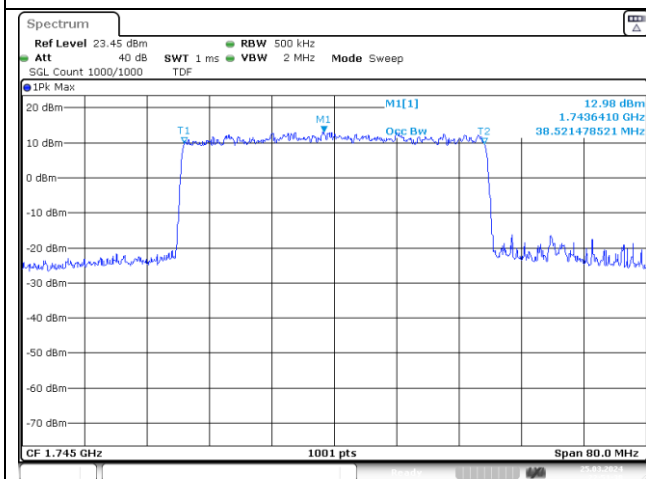


30 MHz Middle Channel - CP-OFDM QPSK

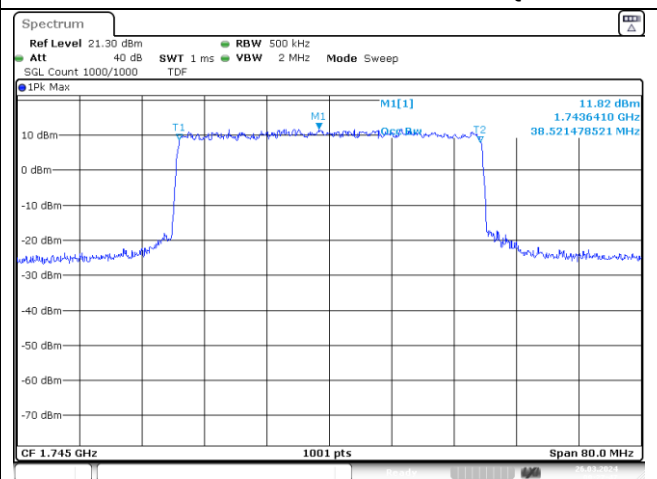
NR band 66



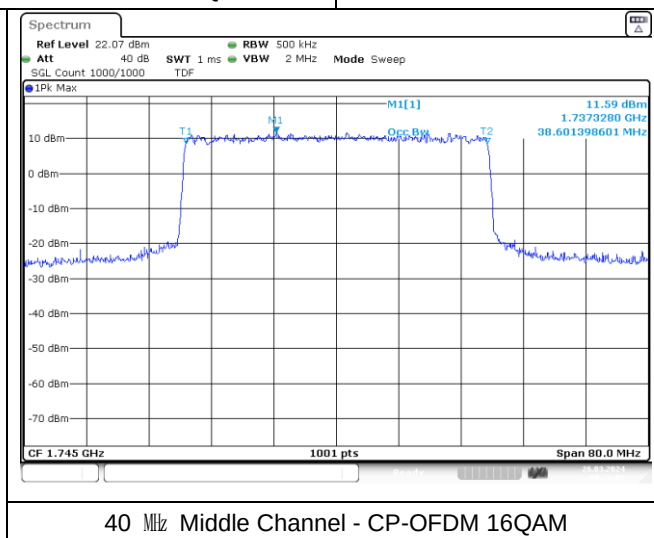
40 MHz Middle Channel - DFT-S-OFDM BPSK



40 MHz Middle Channel - DFT-S-OFDM QPSK



40 MHz Middle Channel - DFT-S-OFDM 16QAM



40 MHz Middle Channel - CP-OFDM QPSK

5. Peak-Average Ratio

5.1. Limit

- §22.913(d) measurement of the ERP of Cellular base transmitters and repeaters must be made using an average power measurement technique. The peak-to-average ratio (PAR) of the transmission must not exceed 13 dB.

- §24.232(d), power measurements for transmissions by stations authorized under this section may be made either in accordance with a Commission-approved average power technique or in compliance with paragraph (e) of this section. In both instances, equipment employed must be authorized in accordance with the provisions of §24.51. In measuring transmissions in this band using an average power technique, the peak-to-average ratio (PAR) of the transmission may not exceed 13 dB.

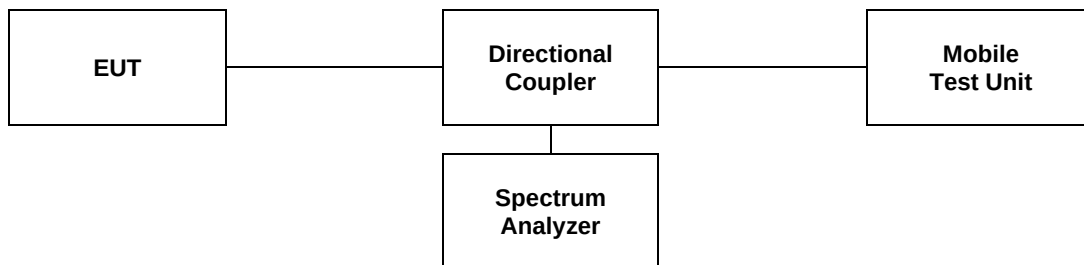
- §27.50(d)(5), power measurements for transmissions by stations authorized under this section may be made either in accordance with a Commission-approved average power technique or in compliance with paragraph (d)(6) of this section. In measuring transmissions in this band using an average power technique, the peak-to-average ratio (PAR) of the transmission may not exceed 13 dB.

5.2. Test Procedure

The test follows section 5.2.3.4 of ANSI C63.26-2015.

See instrumentation-specific application literature for further guidance regarding use of the CCDF capability. The following guidelines are offered for performing a CCDF measurement.

- a. Set resolution/measurement bandwidth $\geq$ OBW or specified reference bandwidth.
- b. Set the number of counts to a value that stabilizes the measured CCDF curve.
- c. Set the measurement interval as follows:
 - 1) For continuous transmissions, set to greater of $[10 \times (\text{number of points in sweep}) \times (\text{transmission symbol period})]$ or 1 ms.
 - 2) For burst transmissions, employ an external trigger that is synchronized with the EUT burst timing sequence, or use the internal burst trigger with a trigger level that allows the burst to stabilize. Set the measurement interval to a time that is less than or equal to the burst duration.
 - 3) If there are several carriers in a single antenna port, the peak power shall be determined for each individual carrier (by disabling the other carriers while measuring the required carrier) and the total peak power calculated from the sum of the individual carrier peak powers.
- d. Record the maximum PAPR level associated with a probability of 0.1 %.
- e. The peak power level is calculated from the sum of the PAPR value from step d) to the measured average power.



5.3 Test Results

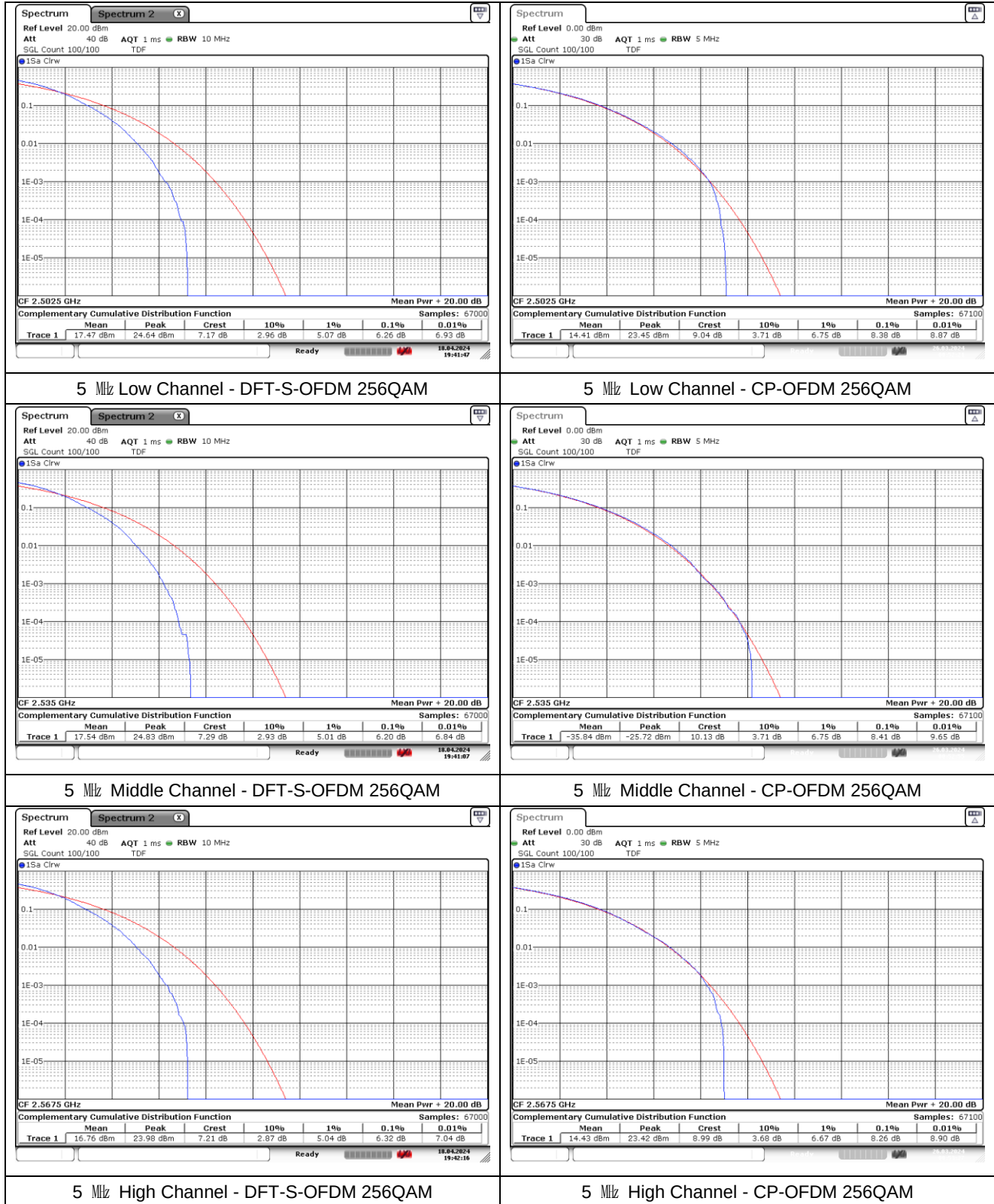
Ambient temperature : (23 ± 1) °C
Relative humidity : 47 % R.H.

Band	SCS (kHz)	BW (MHz)	Mode	Frequency (MHz)	PAR (dB)	
					DFT-S-OFDM	CP-OFDM
7	15	5	256QAM	2 502.5	6.26	8.38
				2 535.0	6.20	8.41
				2 567.5	6.32	8.26
		10	256QAM	2 505.0	6.32	8.32
				2 535.0	6.41	8.38
				2 565.0	6.41	8.72
		15	256QAM	2 507.5	6.61	8.35
				2 535.0	6.64	8.38
				2 562.5	6.46	8.78
		20	256QAM	2 510.0	6.58	8.20
				2 535.0	6.64	8.26
				2 560.0	6.52	8.38
Band	SCS (kHz)	BW (MHz)	Mode	Frequency (MHz)	PAR (dB)	
					DFT-S-OFDM	CP-OFDM
25/2	15	5	256QAM	1 852.5	6.29	8.26
				1 882.5	6.26	8.61
				1 912.5	6.26	8.09
		10	256QAM	1 855.0	6.43	8.55
				1 882.5	6.35	8.55
				1 910.0	6.38	8.55
		15	256QAM	1 857.5	6.55	8.46
				1 882.5	6.55	8.38
				1 907.5	6.49	8.32
		20	256QAM	1 860.0	6.64	8.29
				1 882.5	6.61	8.35
				1 905.0	6.52	8.46
		25	256QAM	1862.5	6.52	8.67
				1882.5	6.49	8.38
				1902.5	6.67	8.78
		30	256QAM	1 865.0	6.43	8.58
				1 882.5	6.52	8.46
				1 900.0	6.41	8.43
		40	256QAM	1 870.0	6.26	8.61
				1 882.5	6.41	8.41
				1 895.0	6.67	8.35
Band	SCS (kHz)	BW (MHz)	Mode	Frequency (MHz)	PAR (dB)	
					DFT-S-OFDM	CP-OFDM
26/5 Part 22	15	5	256QAM	826.5	6.06	8.75
				836.5	6.35	8.78
				846.5	6.26	8.32
		10	256QAM	829.0	6.26	8.52
				836.5	6.49	8.35
				844.0	6.26	8.49
		15	256QAM	831.5	6.58	8.23
				836.5	6.49	8.43
				841.5	6.52	8.35
		20	256QAM	834.0	6.58	8.43
				836.5	6.49	8.41
				839.0	6.52	8.41

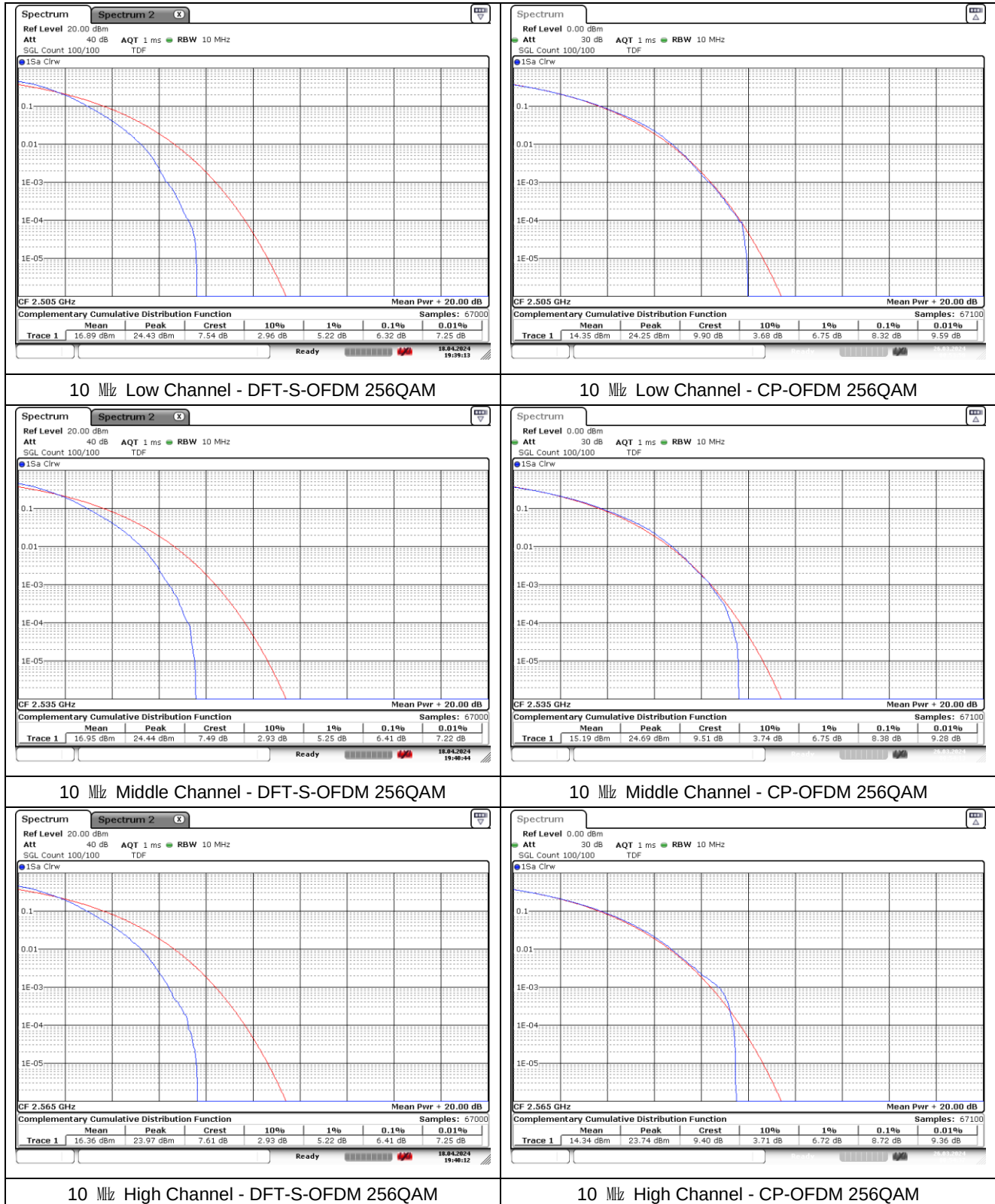
Band	SCS (kHz)	BW (MHz)	Mode	Frequency (MHz)	PAR (dB)	
					DFT-S-OFDM	CP-OFDM
26/5 Part 90	15	5	256QAM	816.5	6.32	8.43
				819.0	6.32	8.38
				821.5	6.32	8.17
		10		819.0	6.43	8.43
Band	SCS (kHz)	BW (MHz)	Mode	Frequency (MHz)	PAR (dB)	
					DFT-S-OFDM	CP-OFDM
66	15	5	256QAM	1 712.5	6.26	8.52
				1 745.0	6.20	8.46
				1 777.5	6.29	8.20
		10	256QAM	1 715.0	6.43	8.61
				1 745.0	6.29	8.32
				1 775.0	6.41	8.46
		15	256QAM	1 717.5	6.58	8.29
				1 745.0	6.52	8.35
				1 772.5	6.46	8.32
		20	256QAM	1 720.0	6.52	8.35
				1 745.0	6.55	8.32
				1 770.0	6.43	8.32
		25	256QAM	1 722.5	6.67	8.58
				1 745.0	6.58	8.61
				1 767.5	6.49	8.58
		30	256QAM	1 725.0	6.58	8.35
				1 745.0	6.32	8.32
				1 765.0	6.61	8.38
		40	256QAM	1 730.0	6.49	8.32
				1 745.0	6.35	8.35
				1 760.0	6.58	8.26

- Test plots

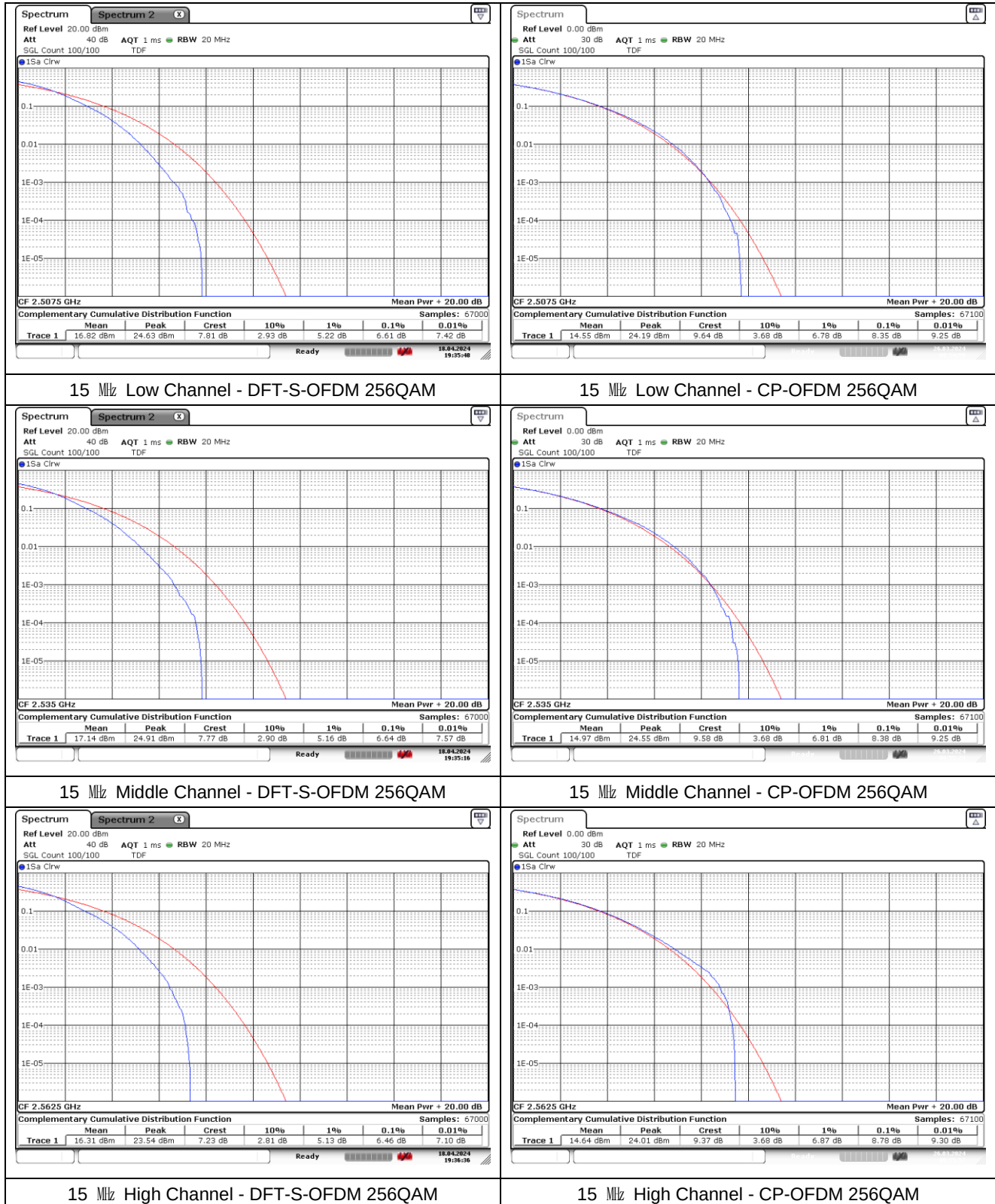
NR band 7



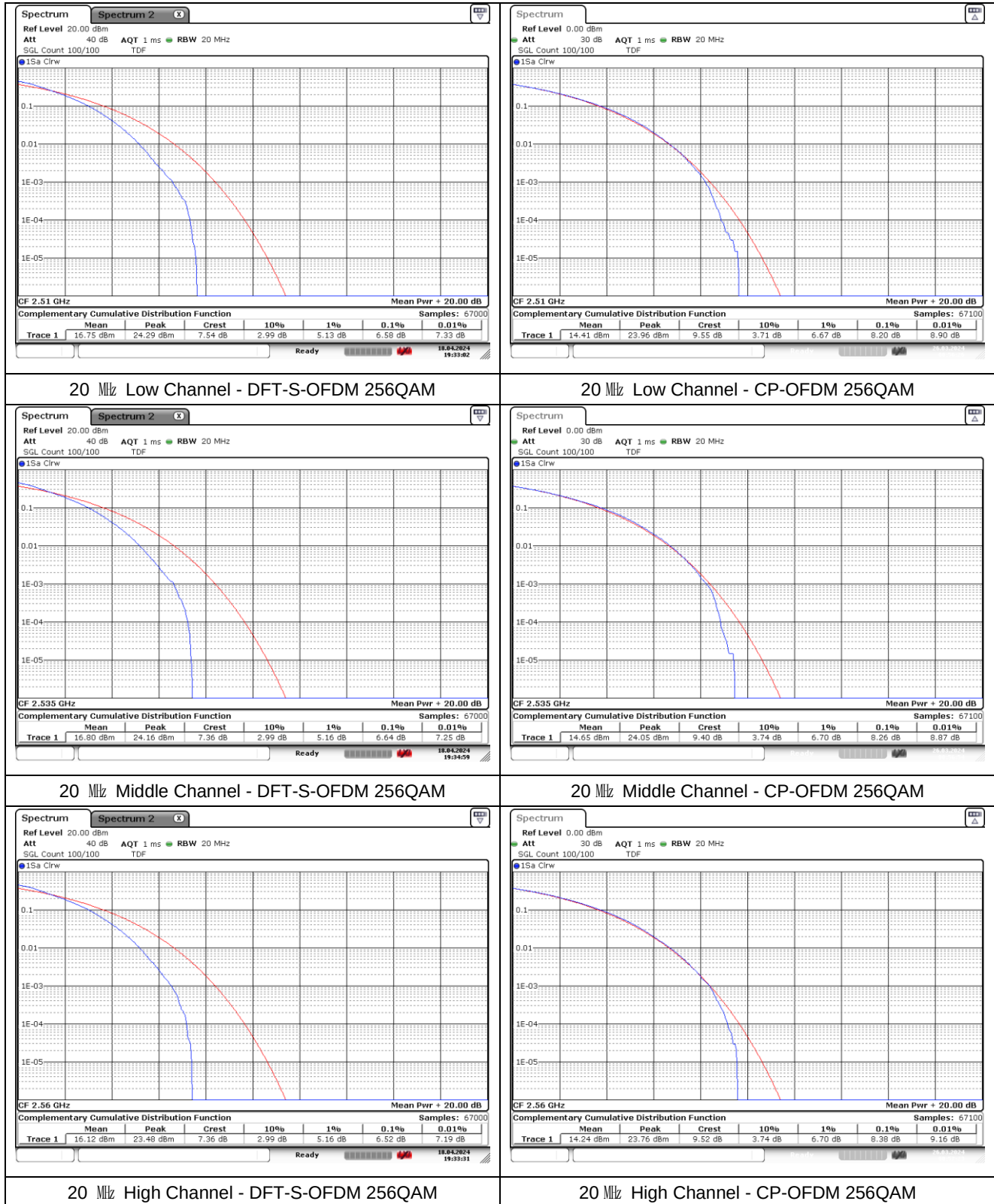
NR band 7



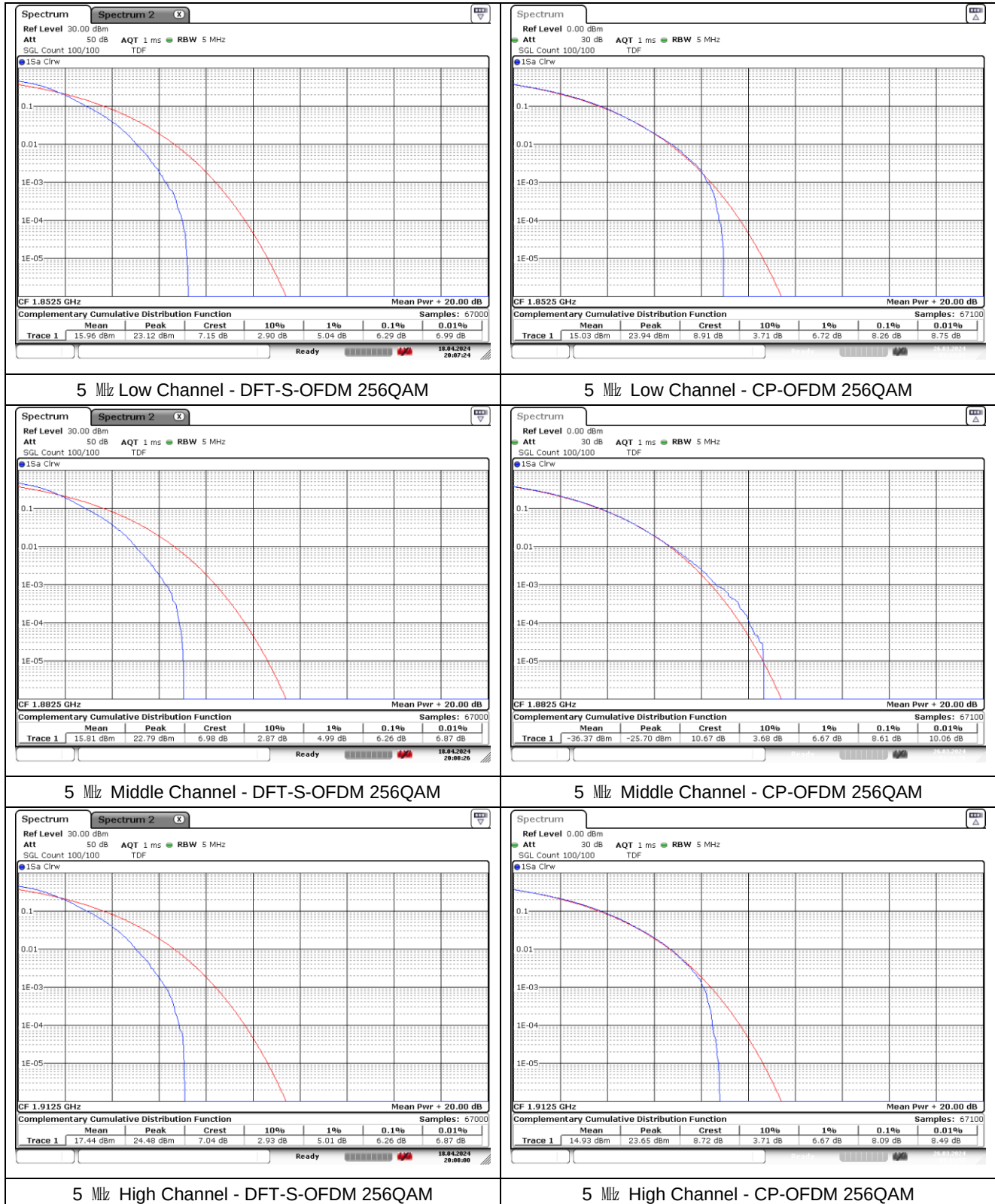
NR band 7



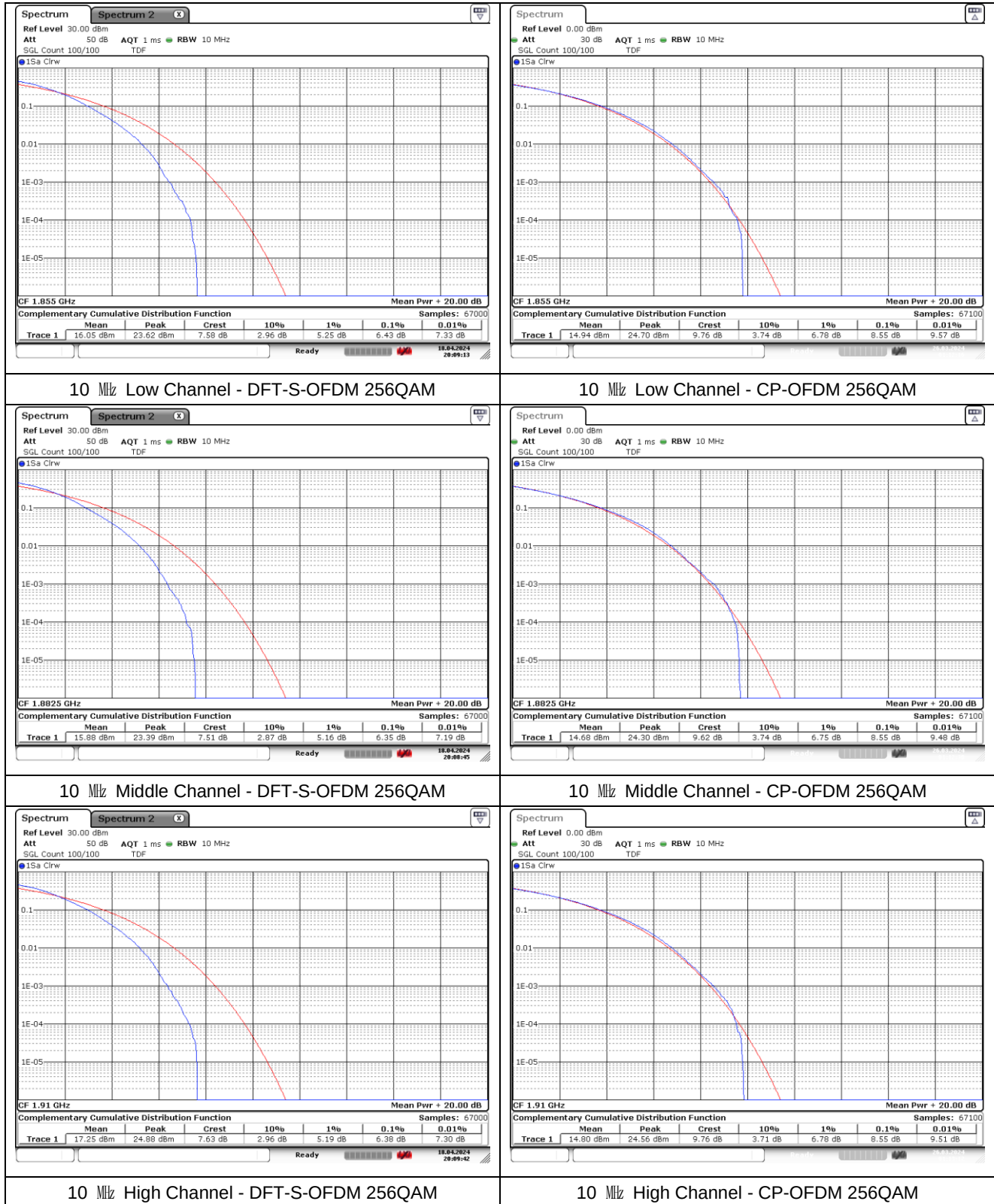
NR band 7



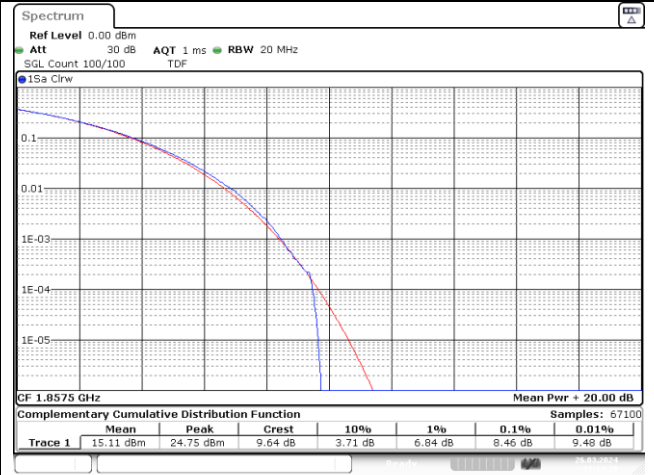
NR band 25/2



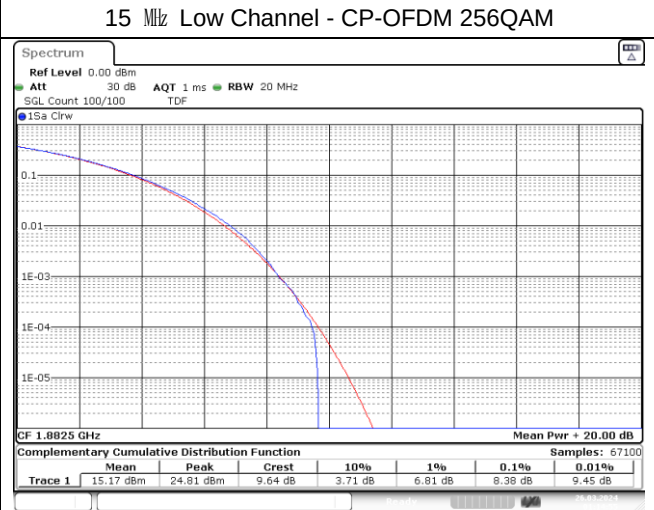
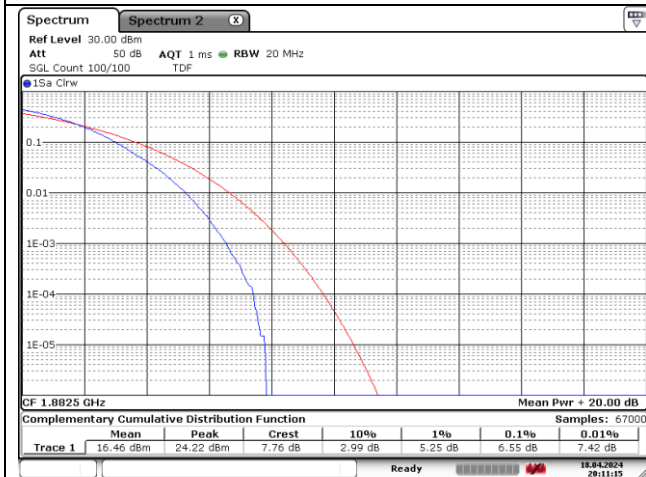
NR band 25/2



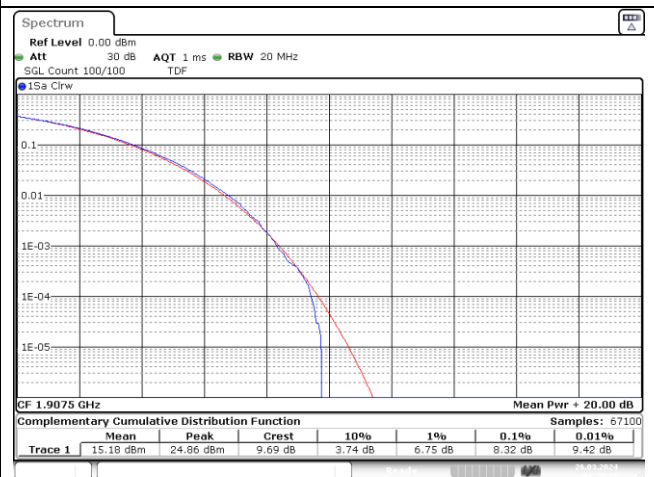
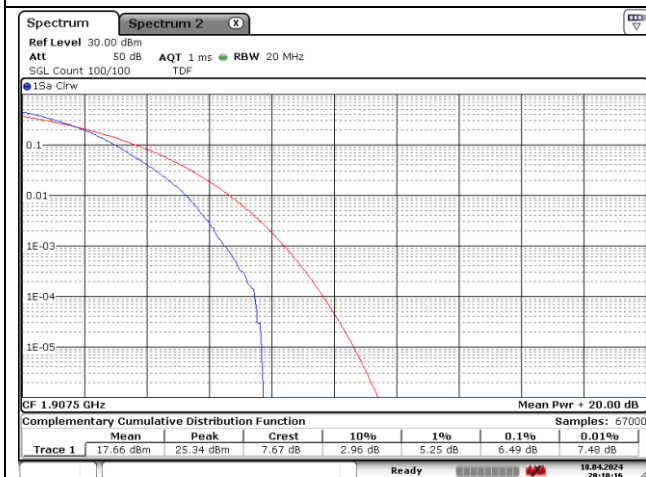
NR band 25/2



15 MHz Low Channel - DFT-S-OFDM 256QAM



15 MHz Middle Channel - DFT-S-OFDM 256QAM



15 MHz High Channel - DFT-S-OFDM 256QAM

15 MHz High Channel - CP-OFDM 256QAM