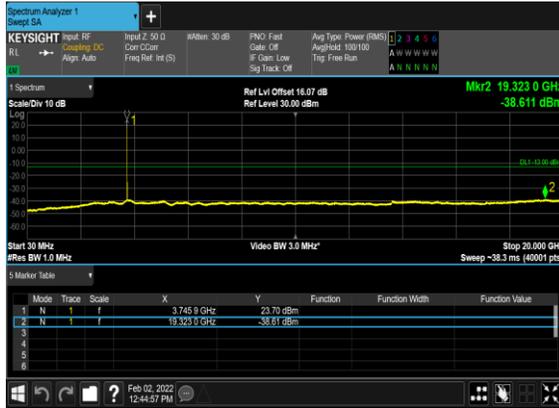
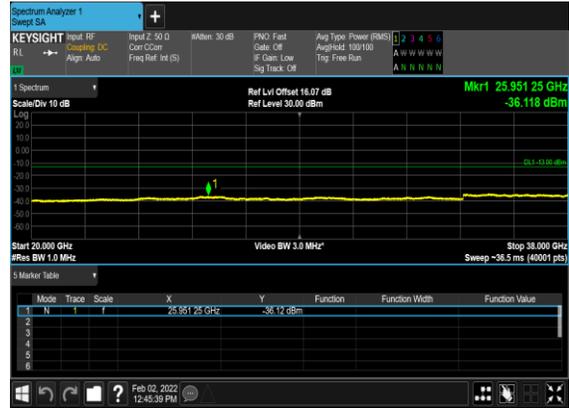


### N78(10M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH



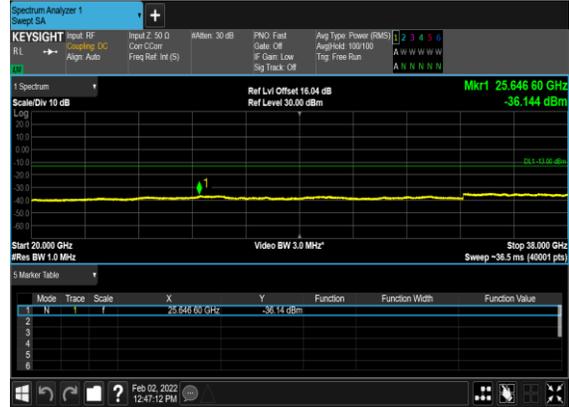
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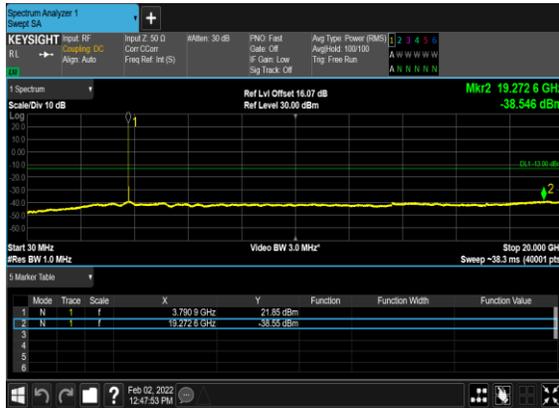
### N78(10M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_High\_CH



### N78(10M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_High\_CH



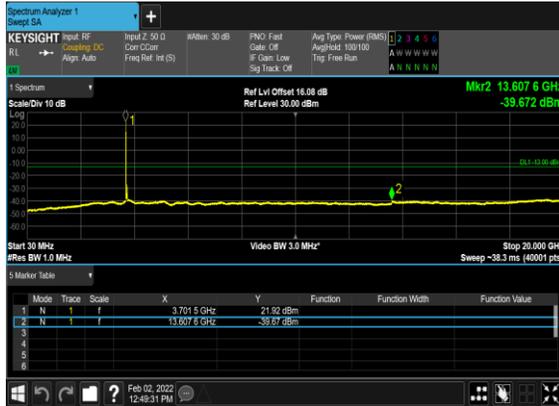
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### N78(10M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_High\_CH



### N78(50M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



### N78(50M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



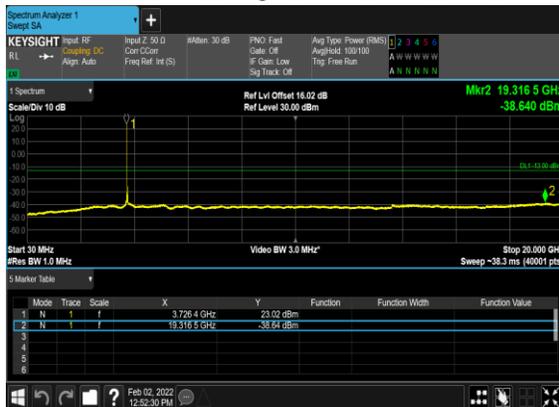
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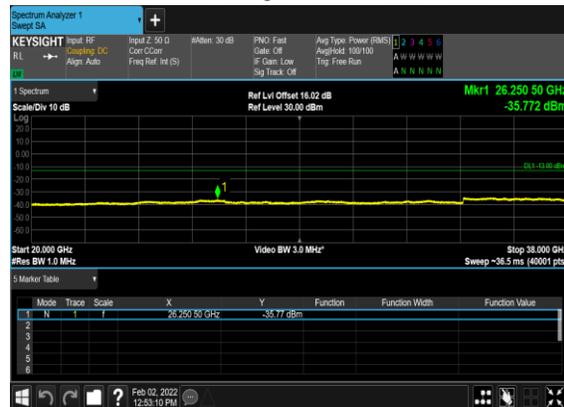
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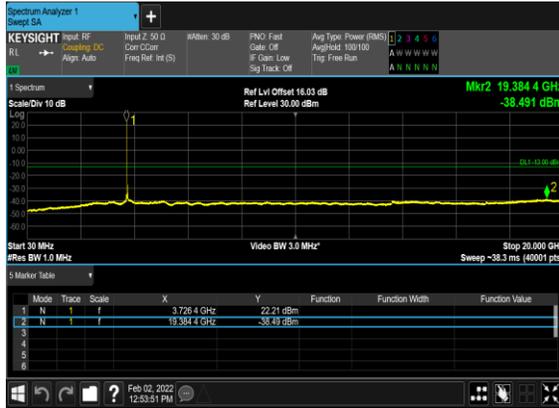
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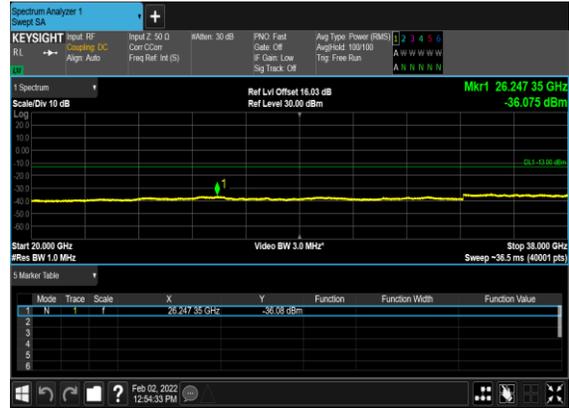
### N78(50M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Mid\_CH



N78(50M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH



N78(50M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH



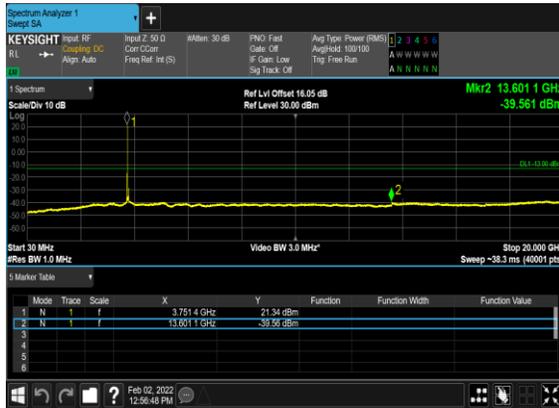
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N78(50M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_High\_CH



N78(50M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_High\_CH



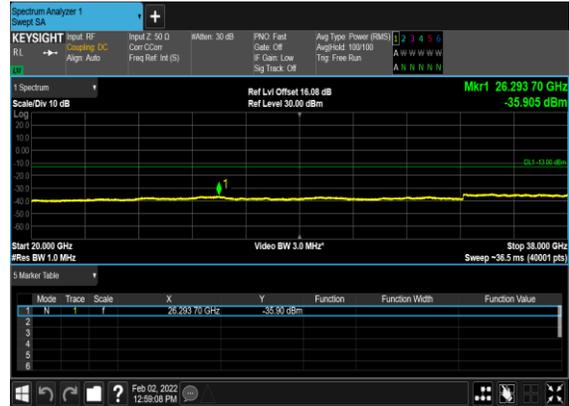
N78(50M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_High\_CH



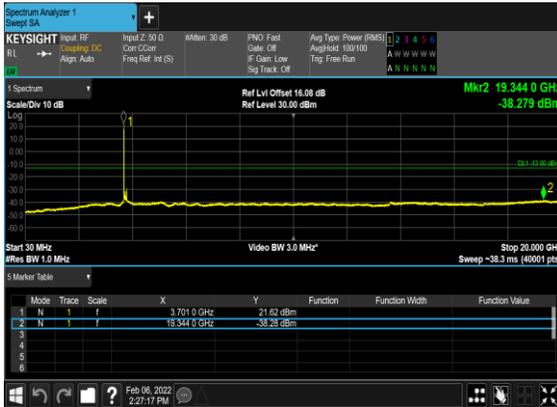
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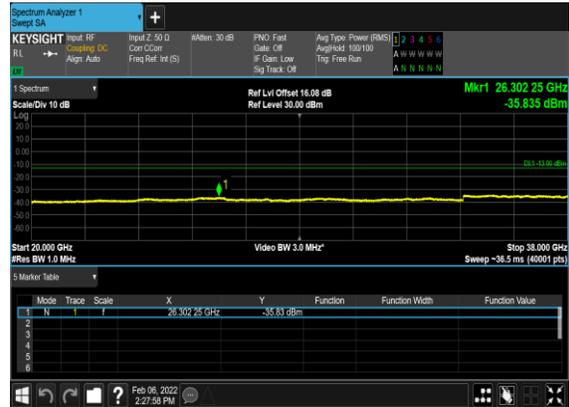
### N78(100M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Mid\_CH



### N78(100M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH



### N78(100M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH



## Conducted Band Edge

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
78	30	10	647000	3705.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
78	30	10	647000	3705.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
78	30	10	647000	3705.0	DFT-s-OFDM BPSK	24@0	see graph	PASS
78	30	10	647000	3705.0	DFT-s-OFDM QPSK	24@0	see graph	PASS
78	30	10	653000	3795.0	DFT-s-OFDM BPSK	1@23	see graph	PASS
78	30	10	653000	3795.0	DFT-s-OFDM QPSK	1@23	see graph	PASS
78	30	10	653000	3795.0	DFT-s-OFDM BPSK	24@0	see graph	PASS
78	30	10	653000	3795.0	DFT-s-OFDM QPSK	24@0	see graph	PASS
78	30	50	648334	3725.01	DFT-s-OFDM BPSK	1@0	see graph	PASS
78	30	50	648334	3725.01	DFT-s-OFDM QPSK	1@0	see graph	PASS
78	30	50	648334	3725.01	DFT-s-OFDM BPSK	128@0	see graph	PASS
78	30	50	648334	3725.01	DFT-s-OFDM QPSK	128@0	see graph	PASS
78	30	50	651666	3774.99	DFT-s-OFDM BPSK	1@132	see graph	PASS
78	30	50	651666	3774.99	DFT-s-OFDM QPSK	1@132	see graph	PASS
78	30	50	651666	3774.99	DFT-s-OFDM BPSK	128@0	see graph	PASS
78	30	50	651666	3774.99	DFT-s-OFDM QPSK	128@0	see graph	PASS
78	30	100	650000	3750.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
78	30	100	650000	3750.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
78	30	100	650000	3750.0	DFT-s-OFDM BPSK	1@272	see graph	PASS
78	30	100	650000	3750.0	DFT-s-OFDM QPSK	1@272	see graph	PASS
78	30	100	650000	3750.0	DFT-s-OFDM BPSK	270@0	see graph	PASS
78	30	100	650000	3750.0	DFT-s-OFDM QPSK	270@0	see graph	PASS

### N78(10M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



### N78(10M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



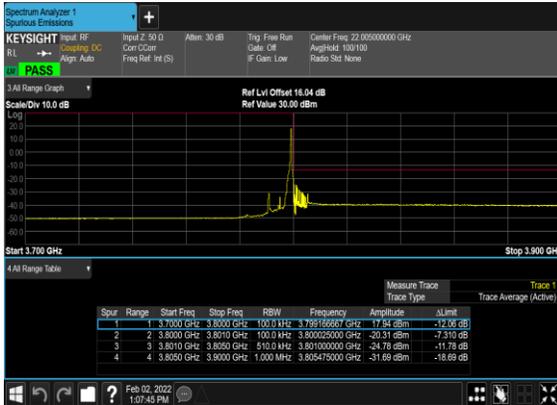
### N78(10M)\_DFT-s-OFDM\_BPSK\_Outer\_Full\_Low\_CH



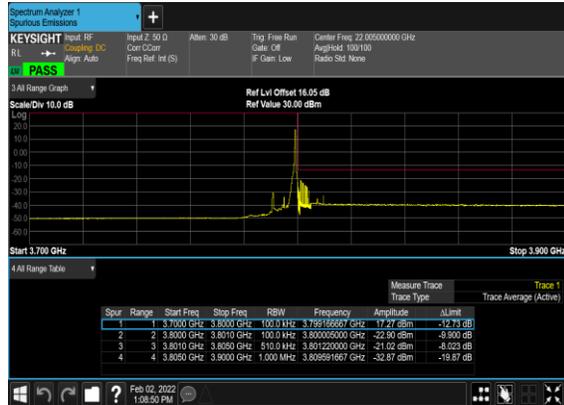
### N78(10M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Low\_CH



### N78(10M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Right\_High\_CH



### N78(10M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Right\_High\_CH



### N78(10M)\_DFT-s-OFDM\_BPSK\_Outer\_Full\_High\_CH



### N78(10M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_High\_CH



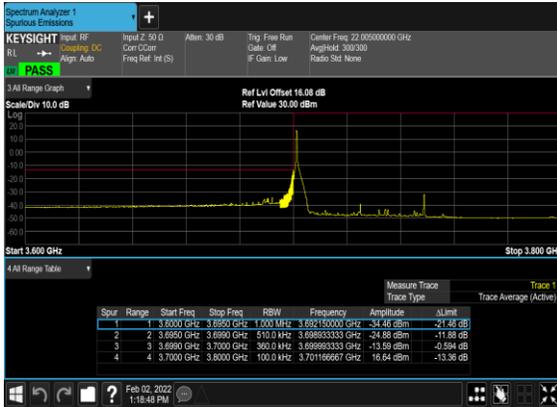
### N78(50M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



### N78(50M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH\_CHP\_PA SS



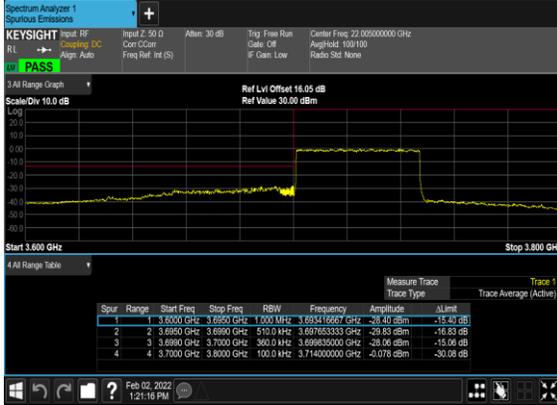
### N78(50M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



### N78(50M)\_DFT-s-OFDM\_BPSK\_Outer\_Full\_Low\_CH



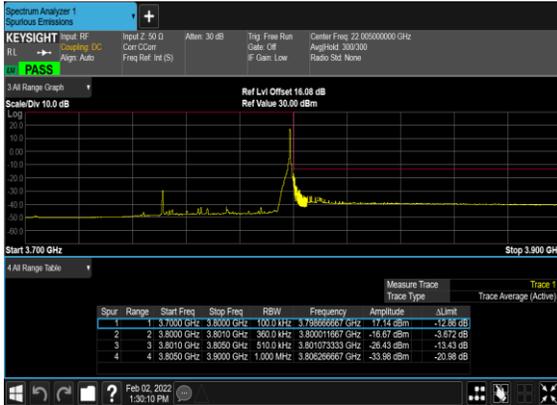
### N78(50M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Low\_CH



### N78(50M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Right\_High\_CH



### N78(50M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Right\_High\_CH



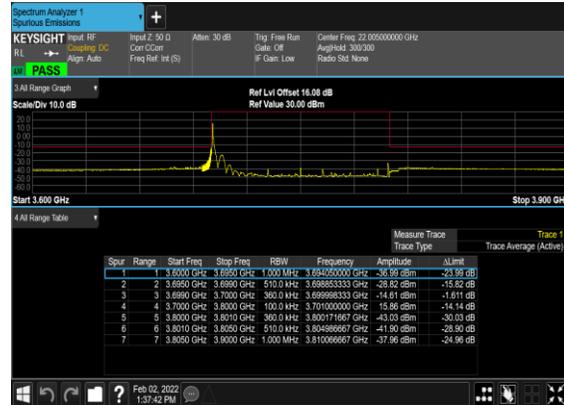
### N78(50M)\_DFT-s-OFDM\_BPSK\_Outer\_Full\_High\_CH



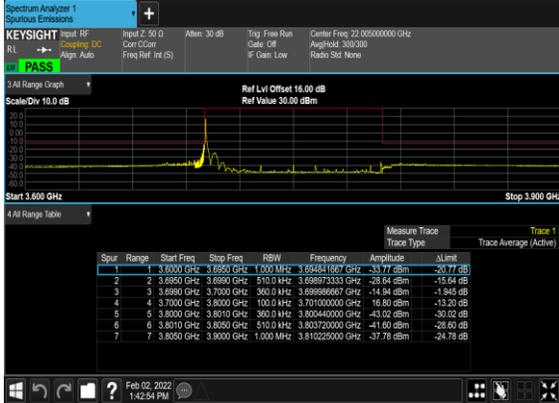
### N78(50M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_High\_CH



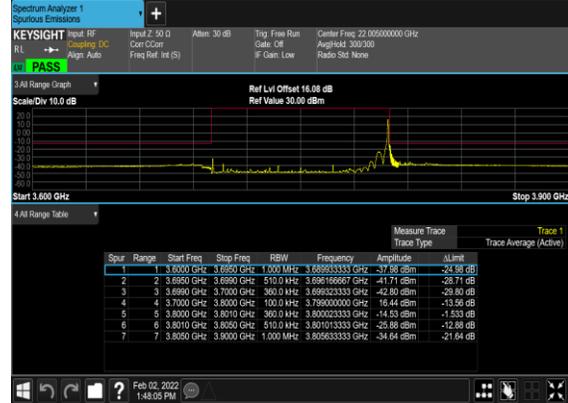
### N78(100M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Mid\_CH



### N78(100M)\_DFT-s- OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH



### N78(100M)\_DFT-s- OFDM\_BPSK\_Edge\_1RB\_Right\_Mid\_CH



### N78(100M)\_DFT-s- OFDM\_QPSK\_Edge\_1RB\_Right\_Mid\_CH



### N78(100M)\_DFT-s- OFDM\_BPSK\_Outer\_Full\_Mid\_CH



### N78(100M)\_DFT-s- OFDM\_QPSK\_Outer\_Full\_Mid\_CH





## Appendix B. Test Results of Radiated Test

### Radiated Spurious Emission

Test Engineer :	Chris Chen	Temperature :	22~23°C
		Relative Humidity :	41~42%

Note: Pre-scanned harmonic for testing, we choose the worst antenna mode to test.

SA n77 / 100MHz / QPSK / ANT3								
Channel	Frequency ( MHz )	EIRP ( dBm )	Limit ( dBm )	Over Limit ( dB )	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	7584	-53.08	-13	-40.08	-63.56	2.76	13.24	H
	11388	-61.02	-13	-48.02	-70.61	3.42	13.01	H
	15168	-59.19	-13	-46.19	-68.80	3.83	13.44	H
	7584	-58.45	-13	-45.45	-68.89	2.80	13.24	V
	11388	-61.96	-13	-48.96	-71.51	3.46	13.01	V
	15168	-59.56	-13	-46.56	-69.12	3.88	13.44	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

EN-DC_41A_n77A / LTE 10MHz + NR 100MHz / QPSK / ANT2(LTE) & ANT3(NR)								
Channel	Frequency ( MHz )	EIRP ( dBm )	Limit ( dBm )	Over Limit ( dB )	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	7584	-49.77	-13	-36.77	-60.25	2.76	13.24	H
	11388	-62.13	-13	-49.13	-71.72	3.42	13.01	H
	15168	-54.34	-13	-41.34	-63.95	3.83	13.44	H
	7584	-52.59	-13	-39.59	-63.03	2.80	13.24	V
	11388	-61.18	-13	-48.18	-70.73	3.46	13.01	V
	15168	-55.66	-13	-42.66	-65.22	3.88	13.44	V

Remark:

1. Spurious emissions within 30-1000MHz were found more than 20dB below limit line.
2. For NSA mode of RSE testing, we only choose the combination of the maximum power among all NSA combinations to test.