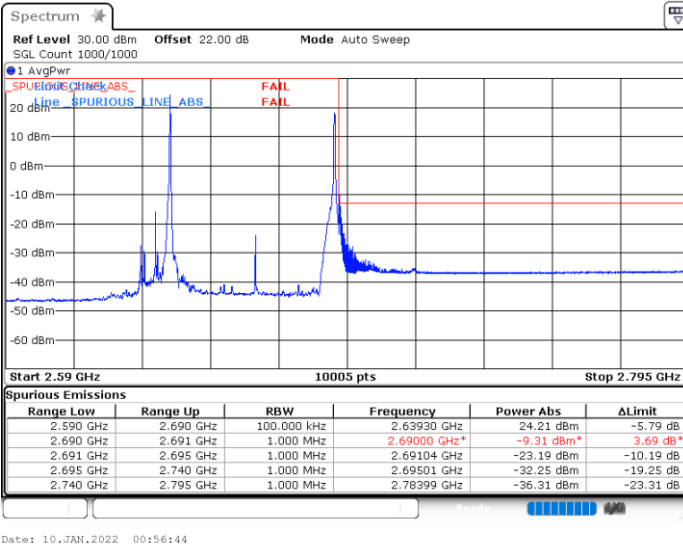


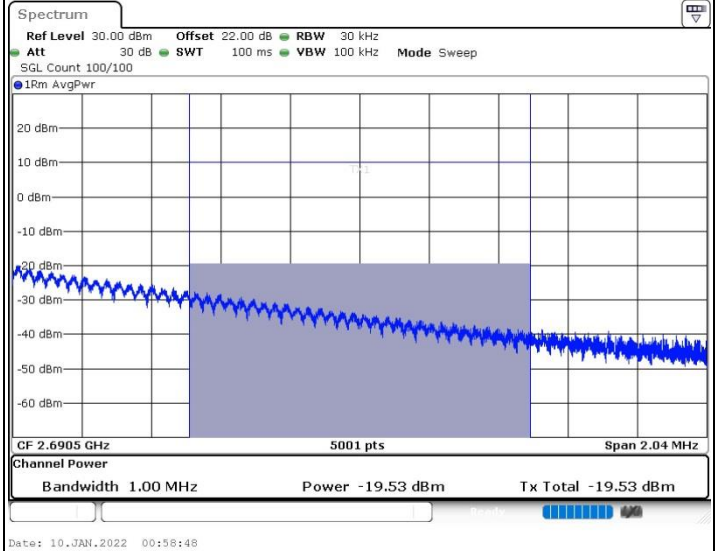


FR1 N41AA / 50MHz / DFT-S OFDM QPSK

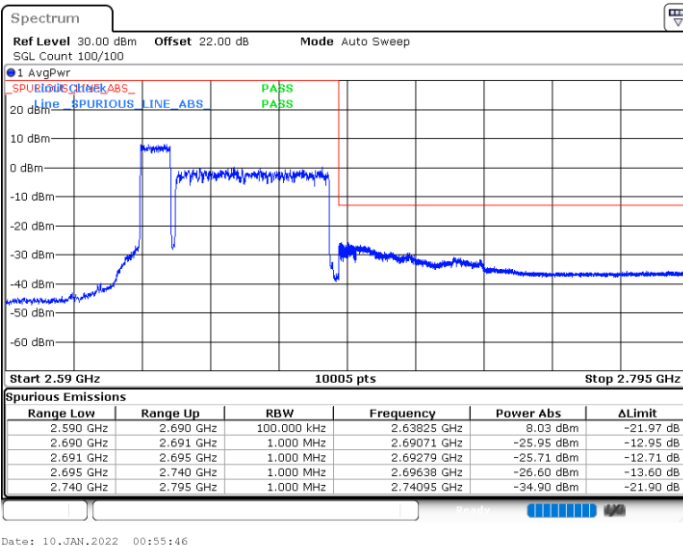
Highest Band Edge / 1 RB



Channel Power < -13dBm Pass



Highest Band Edge / Full RB



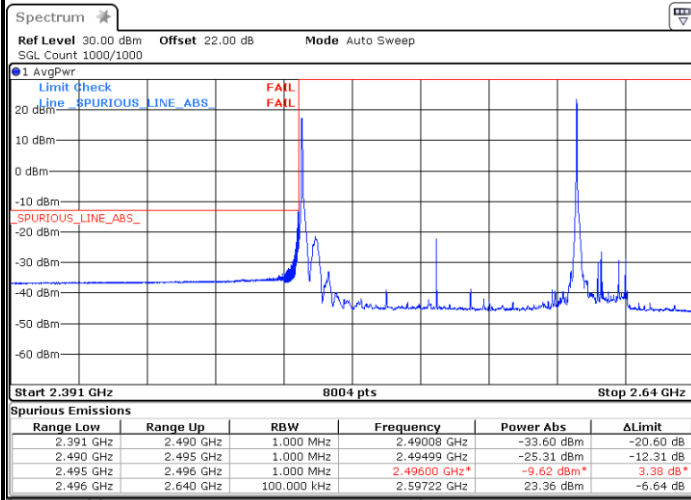
Channel Power < -13dBm Pass

/

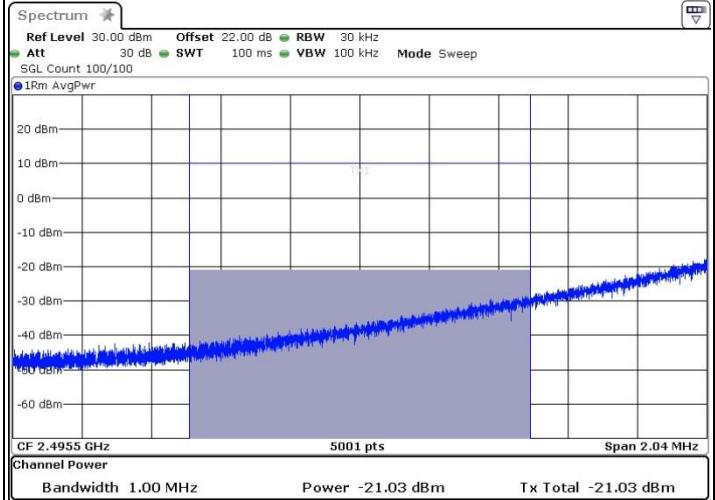


FR1 N41AA / 100MHz / DFT-S OFDM BPSK

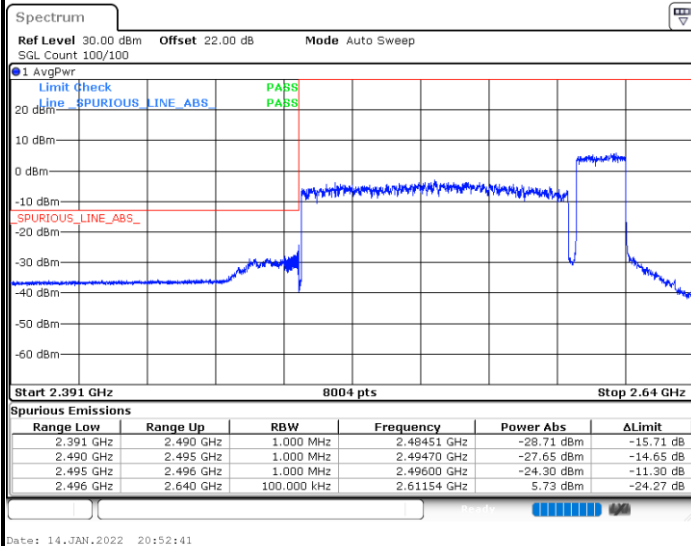
Lowest Band Edge / 1 RB



Channel Power < -13dBm Pass



Lowest Band Edge / Full RB



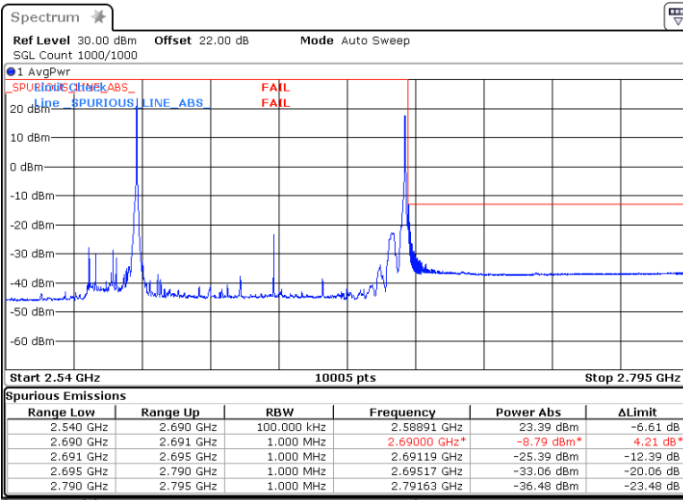
Channel Power < -13dBm Pass

/

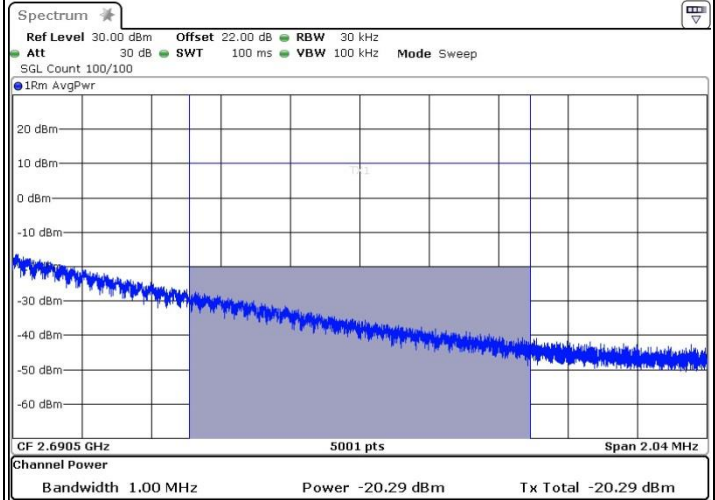


FR1 N41AA / 100MHz / DFT-S OFDM BPSK

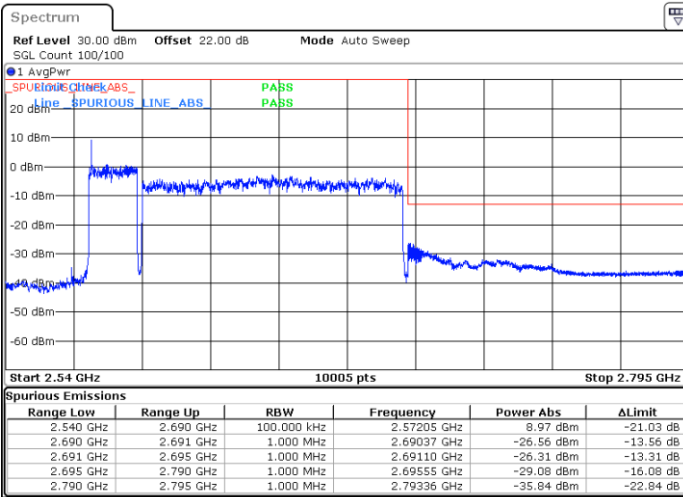
Highest Band Edge / 1 RB



Channel Power < -13dBm Pass



Highest Band Edge / Full RB



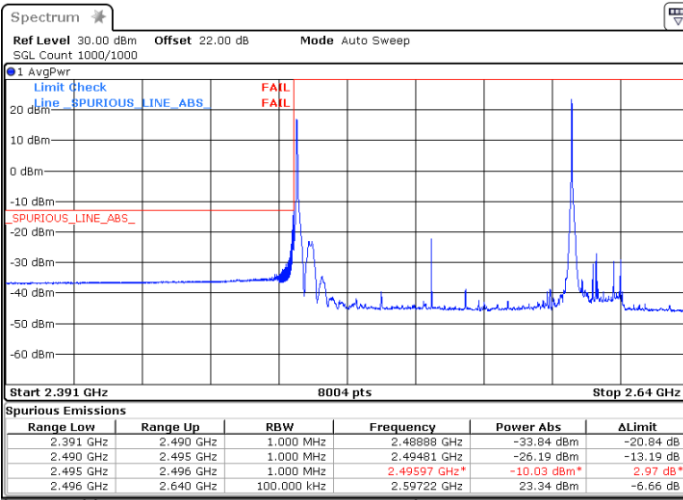
Channel Power < -13dBm Pass

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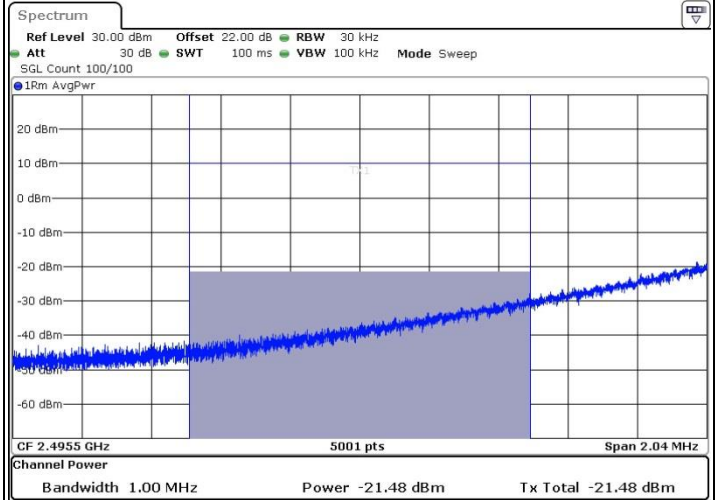


FR1 N41AA / 100MHz / DFT-S OFDM QPSK

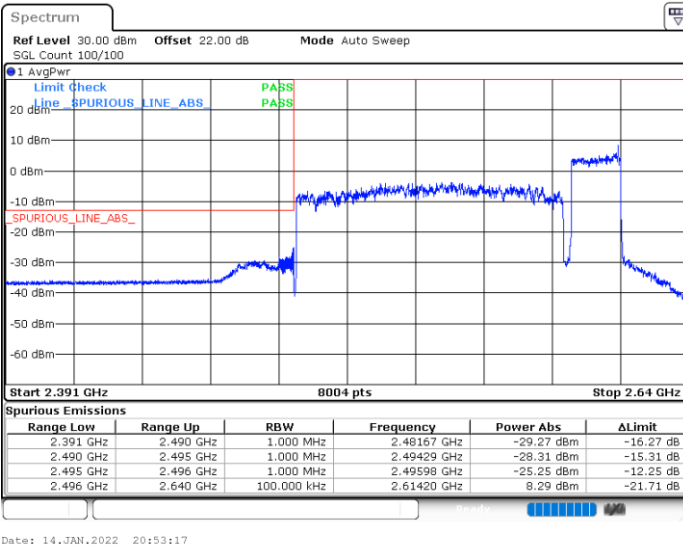
Lowest Band Edge / 1 RB



Channel Power < -13dBm Pass



Lowest Band Edge / Full RB



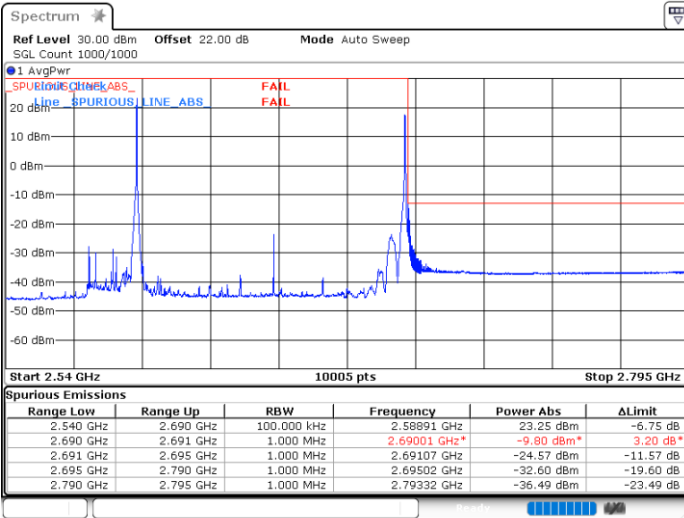
Channel Power < -13dBm Pass

/

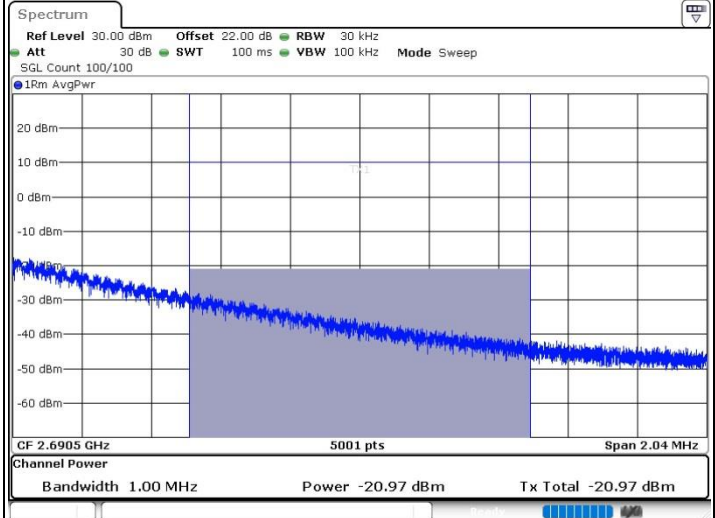


FR1 N41AA / 100MHz / DFT-S OFDM QPSK

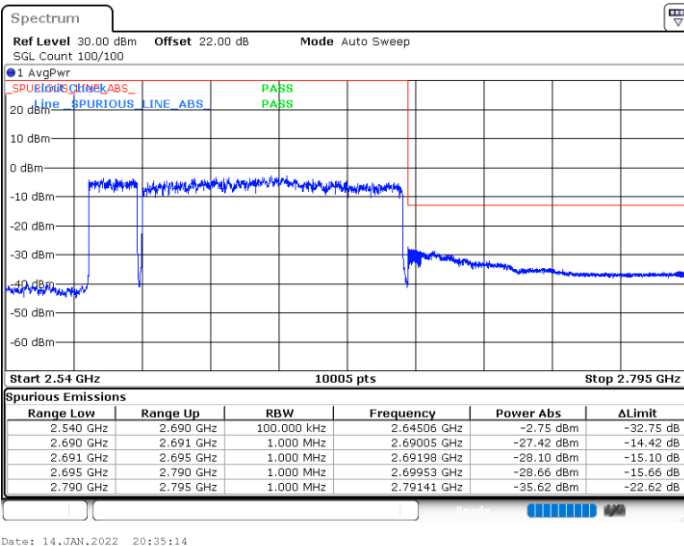
Highest Band Edge / 1 RB



Channel Power < -13dBm Pass



Highest Band Edge / Full RB



Channel Power < -13dBm Pass

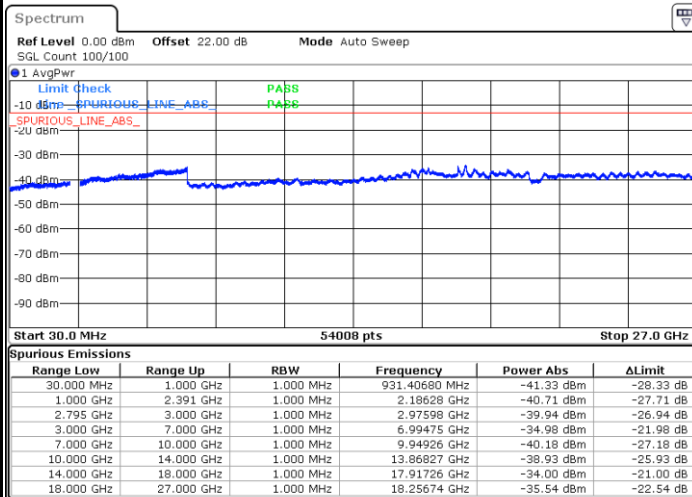
/



Conducted Spurious Emission

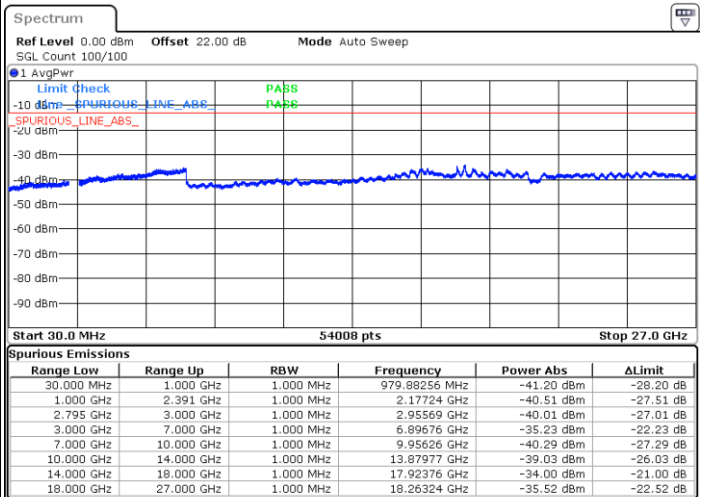
FR1 N41AA / 10MHz / DFT-S OFDM / BPSK

Lowest Channel / 1RB



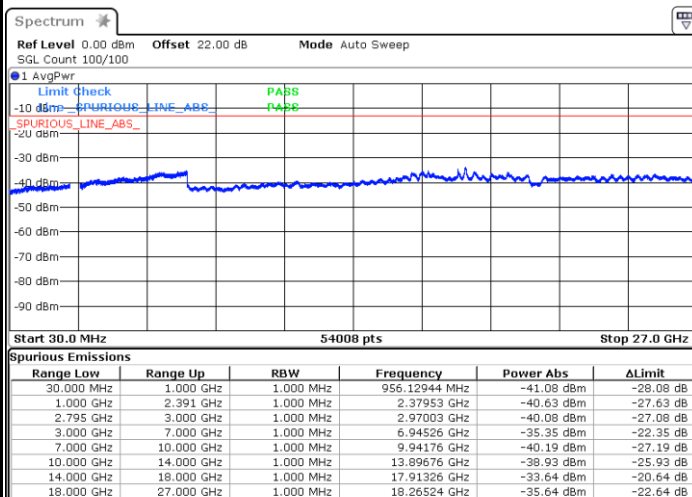
Date: 8.JAN.2022 21:09:56

Middle Channel / 1RB



Date: 8.JAN.2022 21:03:23

Highest Channel / 1RB

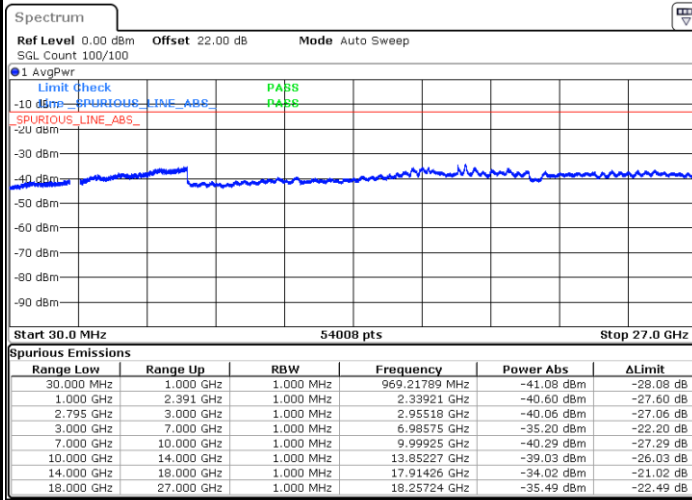


Date: 8.JAN.2022 20:58:51



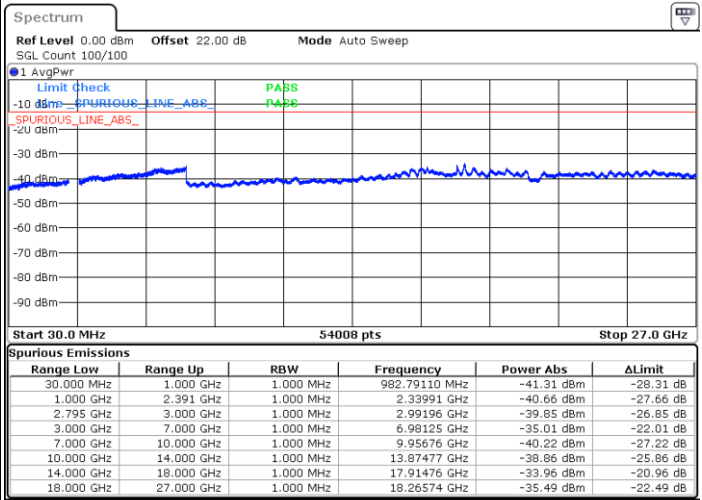
FR1 N41AA / 10MHz / DFT-S OFDM / QPSK

Lowest Channel / 1RB



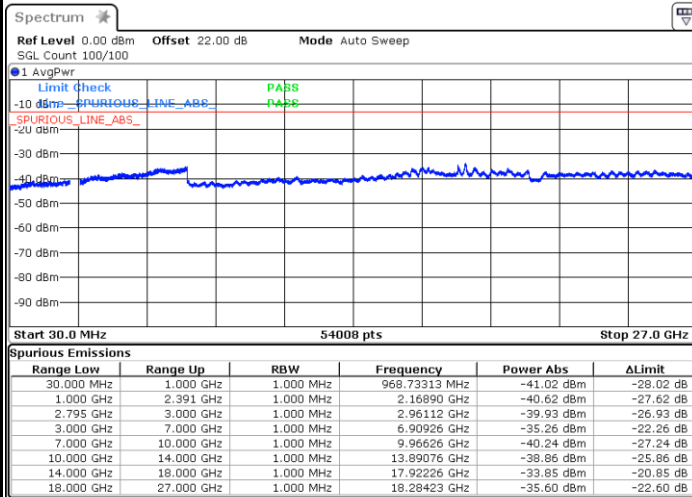
Date: 8.JAN.2022 21:07:52

Middle Channel / 1RB



Date: 8.JAN.2022 21:06:33

Highest Channel / 1RB

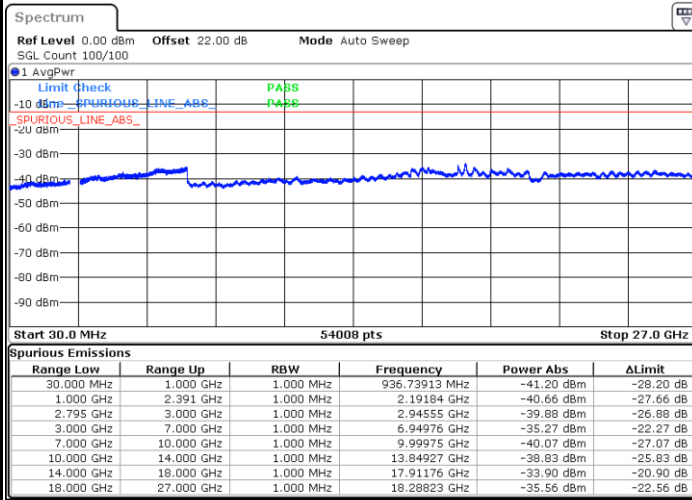


Date: 8.JAN.2022 20:34:34



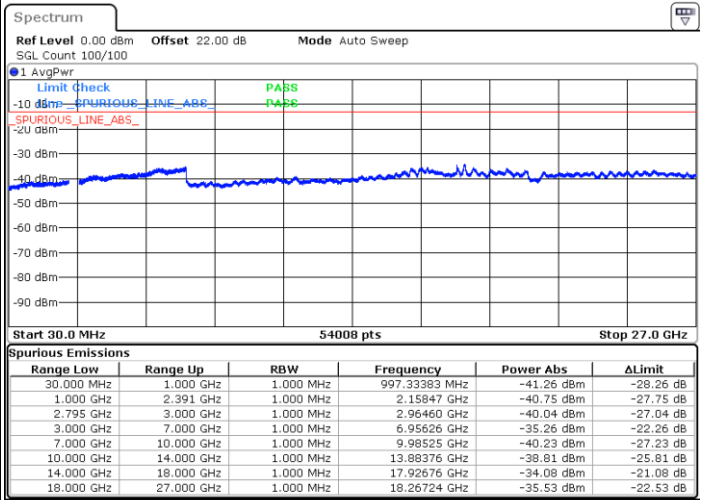
FR1 N41AA / 50MHz / DFT-S OFDM / BPSK

Lowest Channel / 1RB



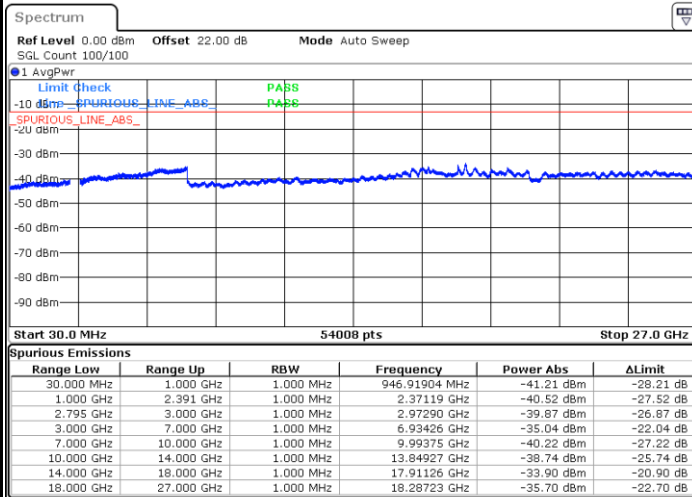
Date: 8.JAN.2022 21:10:51

Middle Channel / 1RB



Date: 8.JAN.2022 21:13:26

Highest Channel / 1RB



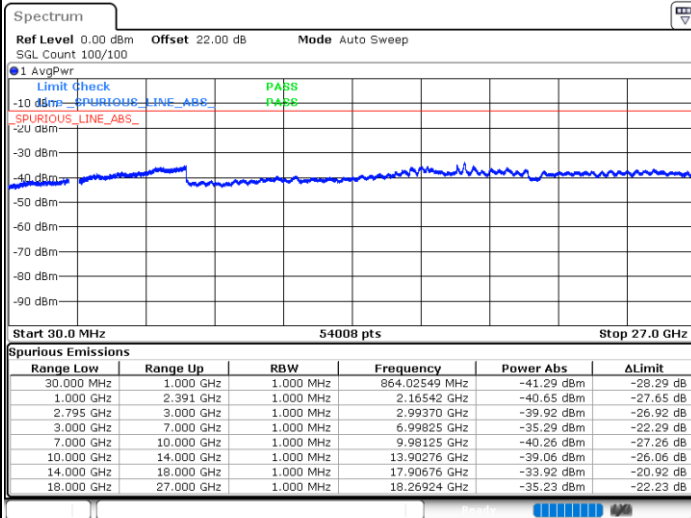
Date: 8.JAN.2022 21:14:15



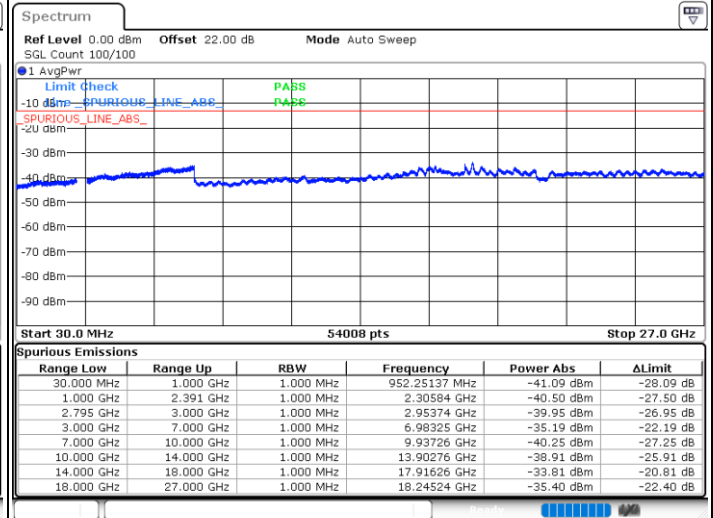
FR1 N41AA / 50MHz / DFT-S OFDM / QPSK

Lowest Channel / 1RB

Middle Channel / 1RB

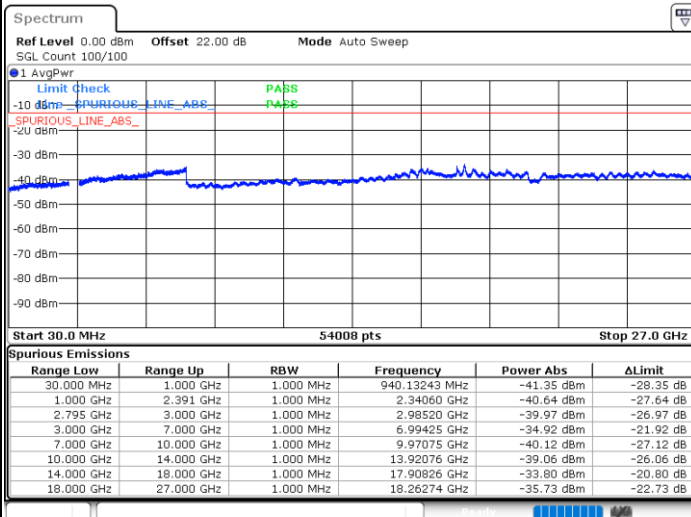


Date: 8.JAN.2022 21:11:41



Date: 8.JAN.2022 21:12:32

Highest Channel / 1RB

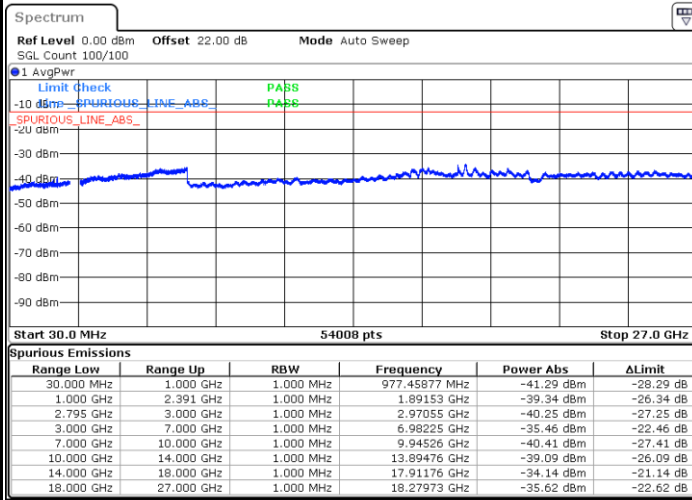


Date: 8.JAN.2022 21:15:04



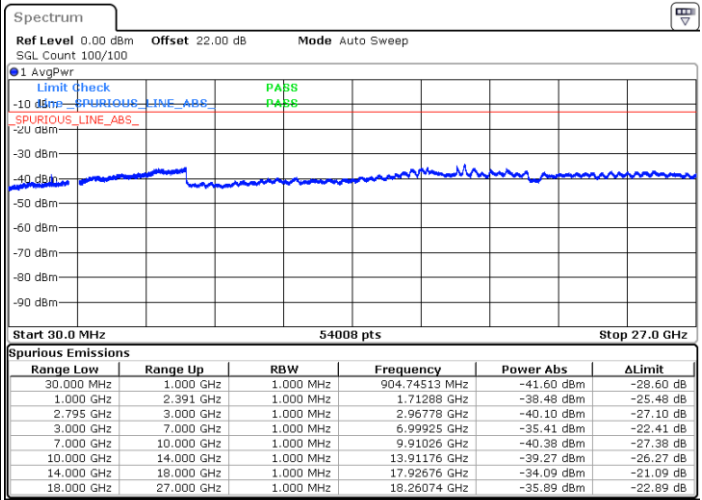
FR1 N41AA / 100MHz / DFT-S OFDM / BPSK

Lowest Channel / 1RB



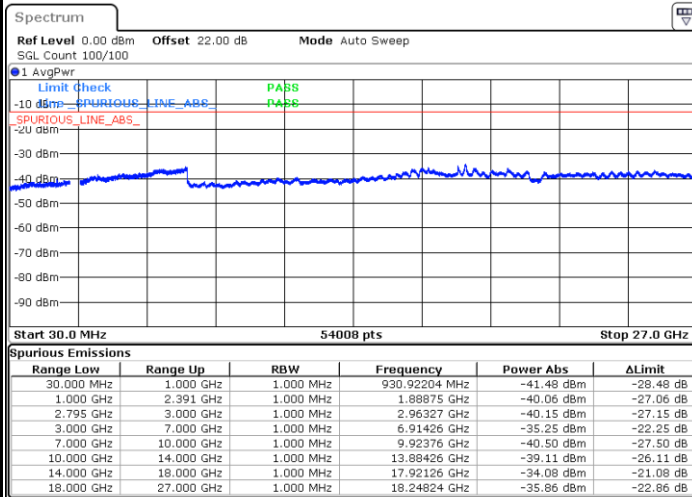
Date: 14.JAN.2022 21:00:39

Middle Channel / 1RB



Date: 14.JAN.2022 21:04:47

Highest Channel / 1RB

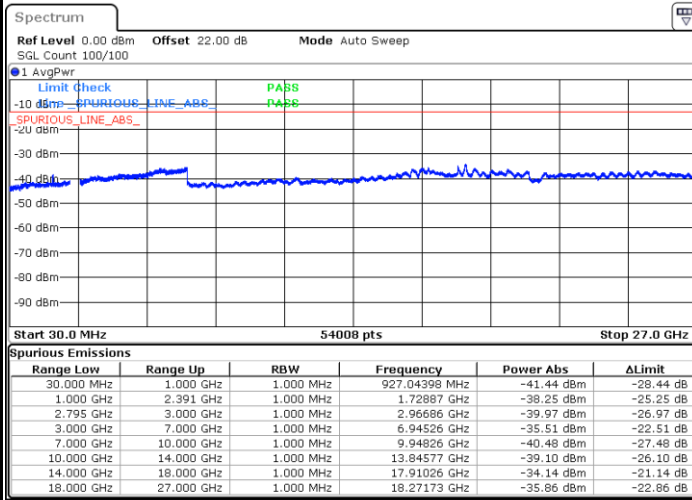


Date: 14.JAN.2022 21:14:17



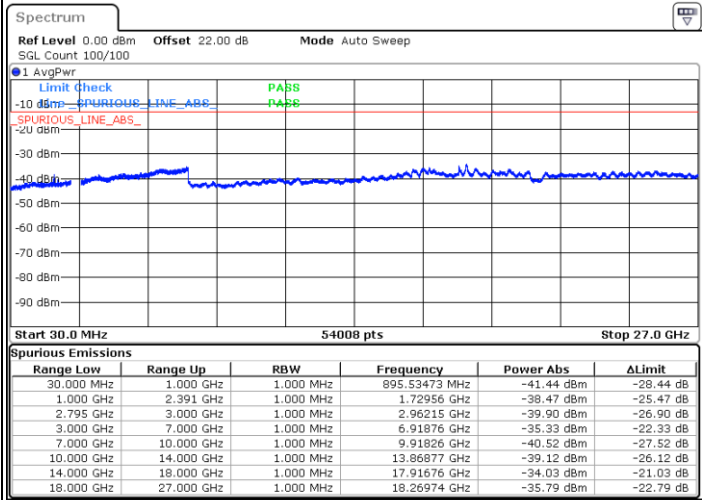
FR1 N41AA / 100MHz / DFT-S OFDM / QPSK

Lowest Channel / 1RB



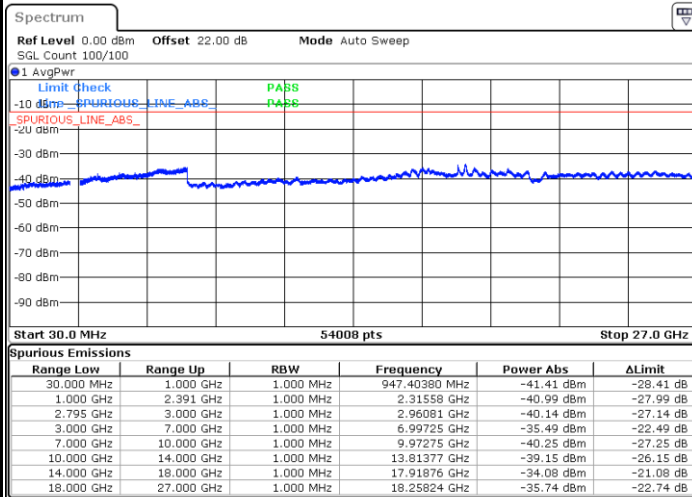
Date: 14.JAN.2022 21:02:24

Middle Channel / 1RB



Date: 14.JAN.2022 21:03:41

Highest Channel / 1RB



Date: 14.JAN.2022 21:15:36

**Frequency Stability**

Test Conditions		NR n41 (BPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 20MHz	Within Band
		Deviation (ppm)	Result
50	Normal Voltage	0.0022	PASS
40	Normal Voltage	0.0018	
30	Normal Voltage	0.0012	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0015	
0	Normal Voltage	0.0012	
-10	Normal Voltage	0.0019	
-20	Normal Voltage	0.0021	
-30	Normal Voltage	0.0017	
20	Maximum Voltage	0.0029	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0033	

Note:

1. Normal Voltage =12 V. ; Battery End Point (BEP) =10.8 V. ; Maximum Voltage =13.2 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

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

For Sample 1:

SA n7 / 20MHz / QPSK / ANT0								
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	5052	-65.90	-13	-52.90	-76.11	3.03	13.24	H
	7576	-63.42	-13	-50.42	-72.87	3.56	13.01	H
	10100	-62.85	-13	-49.85	-72.37	3.92	13.44	H
	5052	-66.31	-13	-53.31	-76.52	3.03	13.24	V
	7576	-63.83	-13	-50.83	-73.28	3.56	13.01	V
	10100	-62.72	-13	-49.72	-72.24	3.92	13.44	V

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

EN-DC_2A_n7A / LTE 10MHz + NR 20MHz / QPSK / ANT1(LTE) & ANT0(NR)								
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	5096	-64.12	-13	-51.12	-74.33	3.03	13.24	H
	7581	-63.08	-13	-50.08	-72.53	3.56	13.01	H
	10110	-61.46	-13	-48.46	-70.98	3.92	13.44	H
	5096	-63.75	-13	-50.75	-73.96	3.03	13.24	V
	7581	-63.00	-13	-50.00	-72.45	3.56	13.01	V
	10110	-61.62	-13	-48.62	-71.14	3.92	13.44	V

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

EN-DC_4A_n7A / LTE 10MHz + NR 20MHz / QPSK / ANT1(LTE) & ANT0(NR)								
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	5096	-63.84	-13	-50.84	-74.05	3.03	13.24	H
	7581	-63.92	-13	-50.92	-73.37	3.56	13.01	H
	10110	-62.08	-13	-49.08	-71.60	3.92	13.44	H
	5056	-64.15	-13	-51.15	-74.36	3.03	13.24	V
	7581	-63.49	-13	-50.49	-72.94	3.56	13.01	V
	10110	-62.45	-13	-49.45	-71.97	3.92	13.44	V

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



EN-DC_5A_n7A / LTE 10MHz + NR 20MHz / QPSK / ANT1(LTE) & ANT0(NR)								
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	5096	-63.88	-13	-50.88	-74.09	3.03	13.24	H
	7581	-63.02	-13	-50.02	-72.47	3.56	13.01	H
	10110	-61.76	-13	-48.76	-71.28	3.92	13.44	H
	5096	-64.02	-13	-51.02	-74.23	3.03	13.24	V
	7581	-63.29	-13	-50.29	-72.74	3.56	13.01	V
	10110	-61.48	-13	-48.48	-71.00	3.92	13.44	V

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

EN-DC_12A_n7A / LTE 10MHz + NR 20MHz / QPSK / ANT1(LTE) & ANT0(NR)								
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	5096	-64.77	-13	-51.77	-74.98	3.03	13.24	H
	7581	-63.51	-13	-50.51	-72.96	3.56	13.01	H
	10110	-61.60	-13	-48.60	-71.12	3.92	13.44	H
	5096	-64.54	-13	-51.54	-74.75	3.03	13.24	V
	7581	-63.11	-13	-50.11	-72.56	3.56	13.01	V
	10110	-62.23	-13	-49.23	-71.75	3.92	13.44	V

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

SA n41 / 100MHz / QPSK / ANT5								
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	5168	-62.32	-13	-49.32	-72.53	3.03	13.24	H
	7752	-62.94	-13	-49.94	-72.39	3.56	13.01	H
	10340	-60.71	-13	-47.71	-70.23	3.92	13.44	H
	5168	-64.79	-13	-51.79	-75.00	3.03	13.24	V
	7752	-62.82	-13	-49.82	-72.27	3.56	13.01	V
	10340	-61.03	-13	-48.03	-70.55	3.92	13.44	V

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



EN-DC_2A_n41A / LTE 10MHz + NR 100MHz / QPSK / ANT0(LTE) & ANT5(NR)								
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	5096	-63.49	-13	-50.49	-73.70	3.03	13.24	H
	7644	-62.28	-13	-49.28	-71.73	3.56	13.01	H
	10190	-59.58	-13	-46.58	-69.10	3.92	13.44	H
	5096	-63.45	-13	-50.45	-73.66	3.03	13.24	V
	7644	-61.99	-13	-48.99	-71.44	3.56	13.01	V
	10190	-59.93	-13	-46.93	-69.45	3.92	13.44	V

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

EN-DC_4A_n41A / LTE 10MHz + NR 100MHz / QPSK / ANT0(LTE) & ANT5(NR)								
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	5096	-63.56	-13	-50.56	-73.77	3.03	13.24	H
	7644	-62.11	-13	-49.11	-71.56	3.56	13.01	H
	10190	-60.01	-13	-47.01	-69.53	3.92	13.44	H
	5096	-63.37	-13	-50.37	-73.58	3.03	13.24	V
	7644	-61.90	-13	-48.90	-71.35	3.56	13.01	V
	10190	-60.33	-13	-47.33	-69.85	3.92	13.44	V

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

EN-DC_12A_n41A / LTE 10MHz + NR 100MHz / QPSK / ANT0(LTE) & ANT5(NR)								
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	5096	-63.64	-13	-50.64	-73.85	3.03	13.24	H
	7644	-62.34	-13	-49.34	-71.79	3.56	13.01	H
	10190	-60.16	-13	-47.16	-69.68	3.92	13.44	H
	5096	-63.25	-13	-50.25	-73.46	3.03	13.24	V
	7644	-62.09	-13	-49.09	-71.54	3.56	13.01	V
	10190	-60.45	-13	-47.45	-69.97	3.92	13.44	V

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



EN-DC_25A_n41A / LTE 10MHz + NR 100MHz / QPSK / ANT0(LTE) & ANT5(NR)								
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	5096	-63.56	-13	-50.56	-73.77	3.03	13.24	H
	7644	-62.11	-13	-49.11	-71.56	3.56	13.01	H
	10190	-60.01	-13	-47.01	-69.53	3.92	13.44	H
	5096	-63.37	-13	-50.37	-73.58	3.03	13.24	V
	7644	-61.90	-13	-48.90	-71.35	3.56	13.01	V
	10190	-60.33	-13	-47.33	-69.85	3.92	13.44	V

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

EN-DC_26A_n41A / LTE 10MHz + NR 100MHz / QPSK / ANT0(LTE) & ANT5(NR)								
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	5096	-63.31	-13	-50.31	-73.52	3.03	13.24	H
	7644	-60.14	-13	-47.14	-69.59	3.56	13.01	H
	10190	-59.86	-13	-46.86	-69.38	3.92	13.44	H
	5096	-63.42	-13	-50.42	-73.63	3.03	13.24	V
	7644	-60.01	-13	-47.01	-69.46	3.56	13.01	V
	10190	-60.37	-13	-47.37	-69.89	3.92	13.44	V

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

EN-DC_66A_n41A / LTE 10MHz + NR 100MHz / QPSK / ANT0(LTE) & ANT5(NR)								
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	5096	-63.39	-13	-50.39	-73.60	3.03	13.24	H
	7644	-61.87	-13	-48.87	-71.32	3.56	13.01	H
	10190	-59.74	-13	-46.74	-69.26	3.92	13.44	H
	5096	-63.40	-13	-50.40	-73.61	3.03	13.24	V
	7644	-61.76	-13	-48.76	-71.21	3.56	13.01	V
	10190	-59.52	-13	-46.52	-69.04	3.92	13.44	V

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

EN-DC_41A_n41A / LTE 10MHz + NR 100MHz / QPSK / ANT0(LTE) & ANT5(NR)								
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	5168	-61.92	-13	-48.92	-72.13	3.03	13.24	H
	7752	-62.69	-13	-49.69	-72.14	3.56	13.01	H
	10340	-61.01	-13	-48.01	-70.53	3.92	13.44	H
	5168	-64.77	-13	-51.77	-74.98	3.03	13.24	V
	7752	-62.55	-13	-49.55	-72.00	3.56	13.01	V
	10340	-61.35	-13	-48.35	-70.87	3.92	13.44	V

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

EN-DC_71A_n41A / LTE 10MHz + NR 100MHz / QPSK / ANT0(LTE) & ANT5(NR)								
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	5096	-63.32	-13	-50.32	-73.53	3.03	13.24	H
	7644	-61.78	-13	-48.78	-71.23	3.56	13.01	H
	10190	-59.60	-13	-46.60	-69.12	3.92	13.44	H
	5096	-63.60	-13	-50.60	-73.81	3.03	13.24	V
	7644	-61.83	-13	-48.83	-71.28	3.56	13.01	V
	10190	-59.81	-13	-46.81	-69.33	3.92	13.44	V

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

EN-DC_n41AA / LTE 10MHz + NR 100MHz / QPSK / ANT6(LTE) & ANT5(NR)								
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	5092	-66.94	-13	-53.94	-77.15	3.03	13.24	H
	7626	-64.31	-13	-51.31	-73.76	3.56	13.01	H
	10174	-66.38	-13	-53.38	-75.90	3.92	13.44	H
	5092	-66.69	-13	-53.69	-76.90	3.03	13.24	V
	7626	-63.03	-13	-50.03	-72.48	3.56	13.01	V
	10174	-64.55	-13	-51.55	-74.07	3.92	13.44	V

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

SA n41 UL MIMO / 100MHz / QPSK / ANT5+6								
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	5168	-62.07	-13	-49.07	-72.28	3.03	13.24	H
	7752	-62.81	-13	-49.81	-72.26	3.56	13.01	H
	10340	-62.01	-13	-49.01	-71.53	3.92	13.44	H
	5168	-64.85	-13	-51.85	-75.06	3.03	13.24	V
	7752	-62.64	-13	-49.64	-72.09	3.56	13.01	V
	10340	-62.01	-13	-49.01	-71.53	3.92	13.44	V

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

For Sample 2:

Note: The sample 2 to verify the worse cases of the sample 1.

EN-DC_2A_n7A / LTE 10MHz + NR 20MHz / QPSK / ANT1(LTE) & ANT0(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	5052	-64.85	-13	-51.85	-75.06	3.03	13.24	H
	7580	-62.98	-13	-49.98	-72.43	3.56	13.01	H
	10100	-62.68	-13	-49.68	-72.20	3.92	13.44	H
	5052	-64.80	-13	-51.80	-75.01	3.03	13.24	V
	7580	-63.87	-13	-50.87	-73.32	3.56	13.01	V
	10100	-62.86	-13	-49.86	-72.38	3.92	13.44	V

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

EN-DC_66A_n41A / LTE 10MHz + NR 100MHz / QPSK / ANT0(LTE) & ANT5(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	5096	-63.28	-13	-50.28	-73.49	3.03	13.24	H
	7644	-63.29	-13	-50.29	-72.74	3.56	13.01	H
	10190	-63.06	-13	-50.06	-72.58	3.92	13.44	H
	5096	-64.98	-13	-51.98	-75.19	3.03	13.24	V
	7644	-63.27	-13	-50.27	-72.72	3.56	13.01	V
	10190	-62.63	-13	-49.63	-72.15	3.92	13.44	V

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