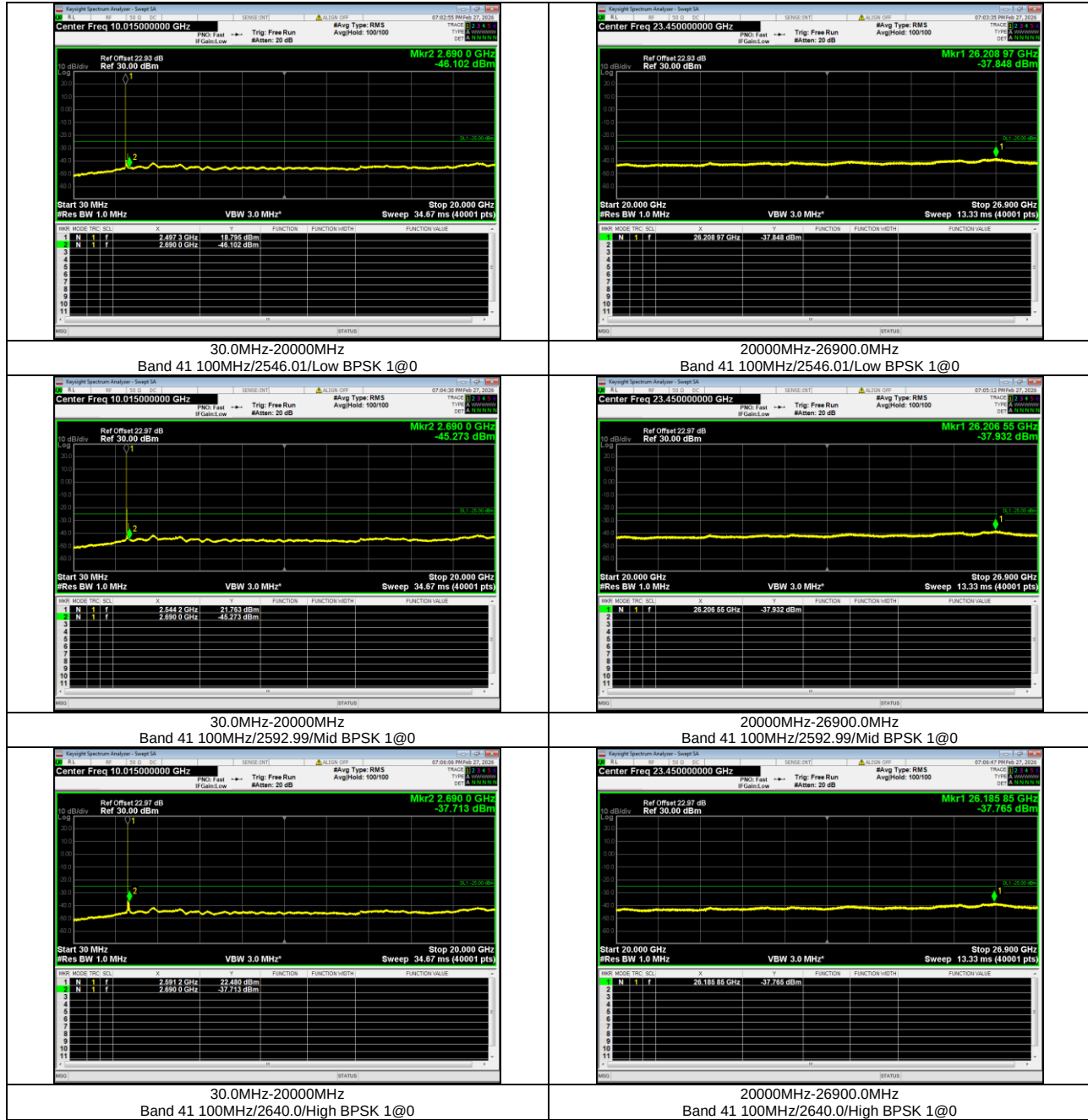






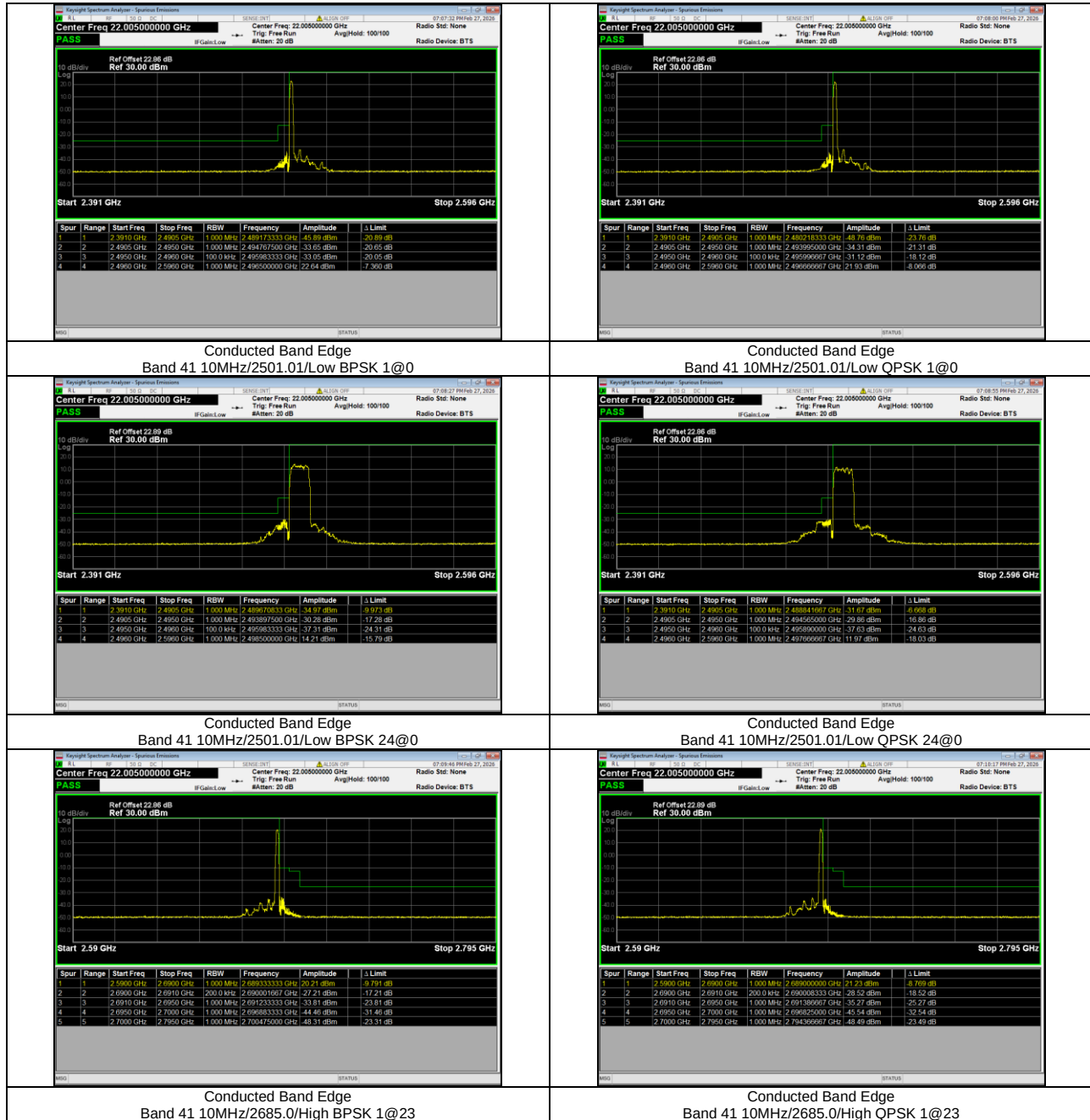
Conducted Band Edge

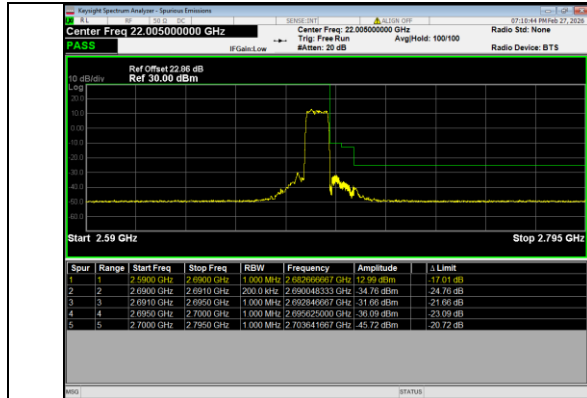
Test Result

NR Band	SCS	BandWidth	Arfcn	Freq(MHz)	Modulation	RB	Result	Verdict
41	30	10	500202	2501.01	DFT-s-OFDM BPSK	1@0	see graph	PASS
41	30	10	500202	2501.01	DFT-s-OFDM QPSK	1@0	see graph	PASS
41	30	10	500202	2501.01	DFT-s-OFDM BPSK	24@0	see graph	PASS
41	30	10	500202	2501.01	DFT-s-OFDM QPSK	24@0	see graph	PASS
41	30	10	537000	2685.0	DFT-s-OFDM BPSK	1@23	see graph	PASS
41	30	10	537000	2685.0	DFT-s-OFDM QPSK	1@23	see graph	PASS
41	30	10	537000	2685.0	DFT-s-OFDM BPSK	24@0	see graph	PASS
41	30	10	537000	2685.0	DFT-s-OFDM QPSK	24@0	see graph	PASS
41	30	50	504204	2521.02	DFT-s-OFDM BPSK	1@0	see graph	PASS
41	30	50	504204	2521.02	DFT-s-OFDM QPSK	1@0	see graph	PASS
41	30	50	504204	2521.02	DFT-s-OFDM BPSK	128@0	see graph	PASS
41	30	50	504204	2521.02	DFT-s-OFDM QPSK	128@0	see graph	PASS
41	30	50	532998	2664.99	DFT-s-OFDM BPSK	1@132	see graph	PASS
41	30	50	532998	2664.99	DFT-s-OFDM QPSK	1@132	see graph	PASS
41	30	50	532998	2664.99	DFT-s-OFDM BPSK	128@0	see graph	PASS
41	30	50	532998	2664.99	DFT-s-OFDM QPSK	128@0	see graph	PASS
41	30	100	509202	2546.01	DFT-s-OFDM BPSK	1@0	see graph	PASS
41	30	100	509202	2546.01	DFT-s-OFDM QPSK	1@0	see graph	PASS
41	30	100	509202	2546.01	DFT-s-OFDM BPSK	270@0	see graph	PASS
41	30	100	509202	2546.01	DFT-s-OFDM QPSK	270@0	see graph	PASS
41	30	100	528000	2640.0	DFT-s-OFDM BPSK	1@272	see graph	PASS
41	30	100	528000	2640.0	DFT-s-OFDM QPSK	1@272	see graph	PASS
41	30	100	528000	2640.0	DFT-s-OFDM BPSK	270@0	see graph	PASS
41	30	100	528000	2640.0	DFT-s-OFDM QPSK	270@0	see graph	PASS

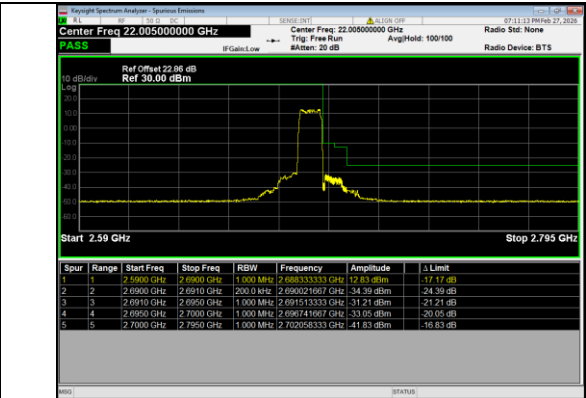


Test Graphs

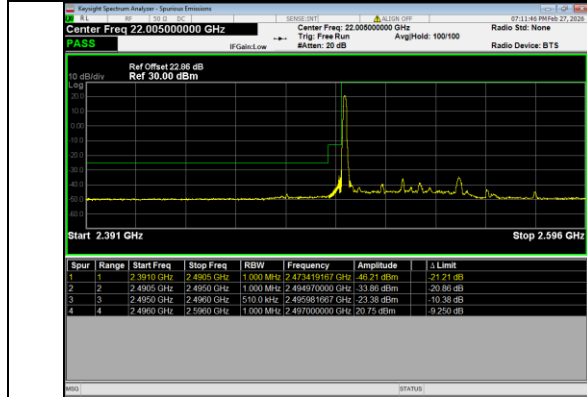




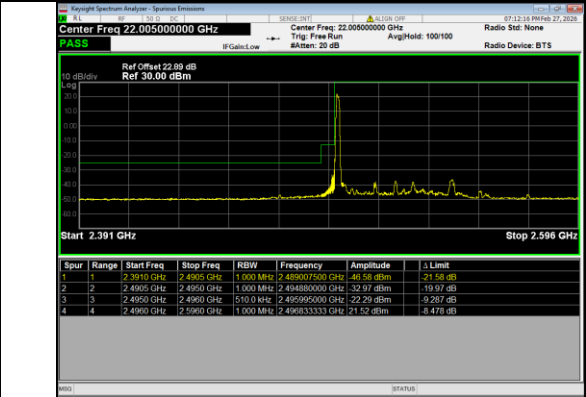
Conducted Band Edge
Band 41 10MHz/2685.0/High BPSK 24@0



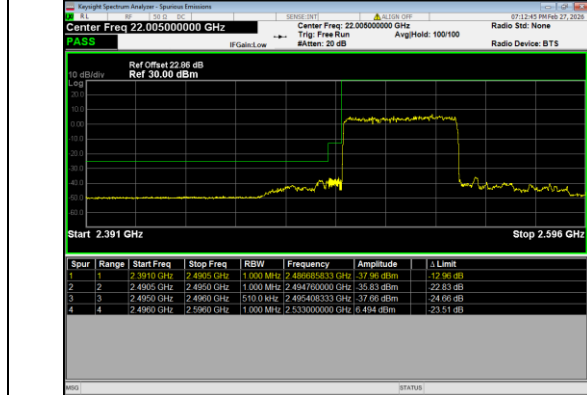
Conducted Band Edge
Band 41 10MHz/2685.0/High QPSK 24@0



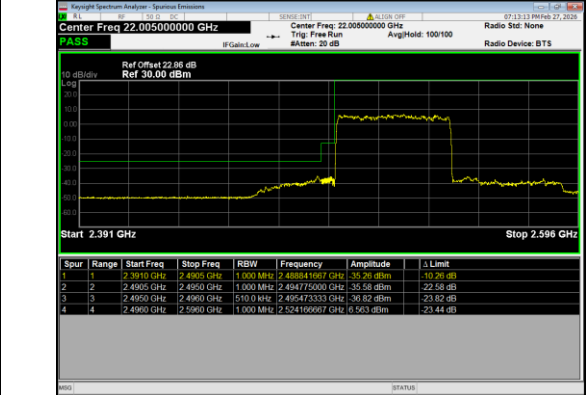
Conducted Band Edge
Band 41 50MHz/2521.02/Low BPSK 1@0



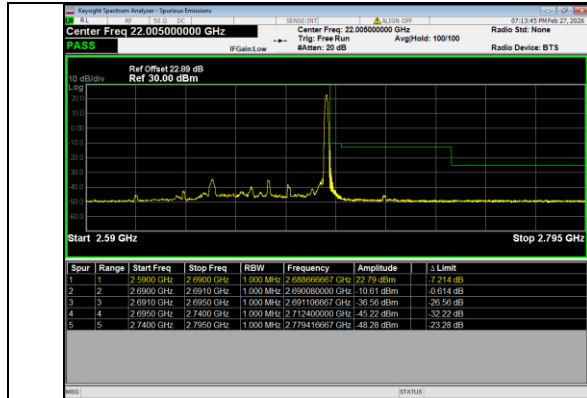
Conducted Band Edge
Band 41 50MHz/2521.02/Low QPSK 1@0



Conducted Band Edge
Band 41 50MHz/2521.02/Low BPSK 128@0



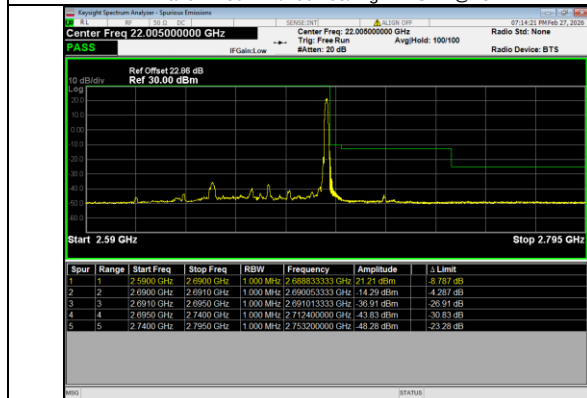
Conducted Band Edge
Band 41 50MHz/2521.02/Low QPSK 128@0



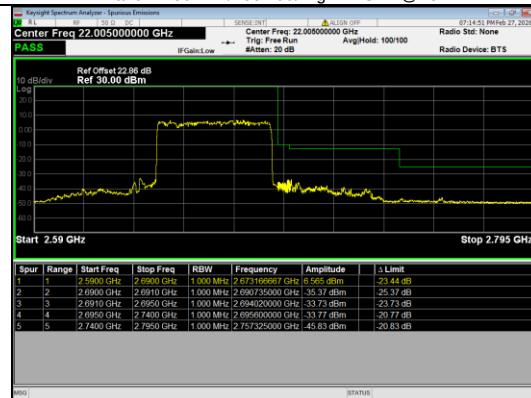
Conducted Band Status
Band 41 50MHz/2664.99/High BPSK 1@132



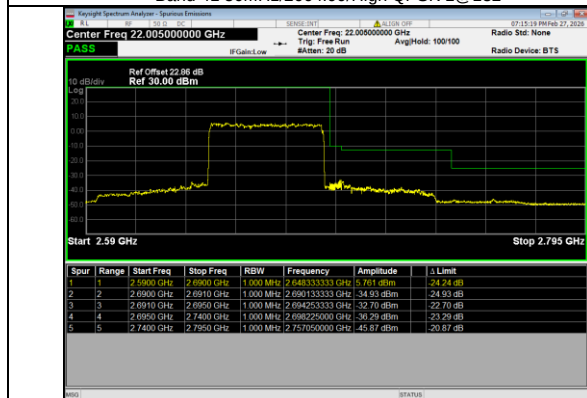
Conducted Band Edge CHP Range2 PASS
Band 41 50MHz/2664.99/High BPSK 1@132



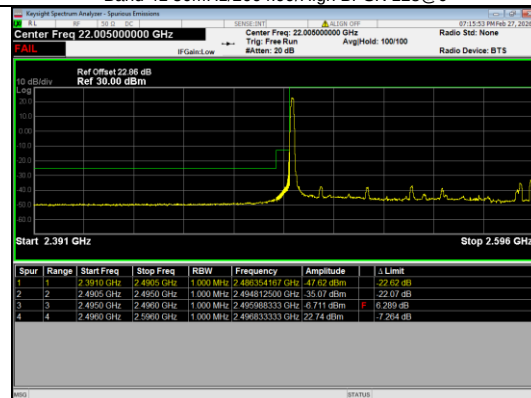
Conducted Band Edge
Band 41 50MHz/2664.99/High QPSK 1@132



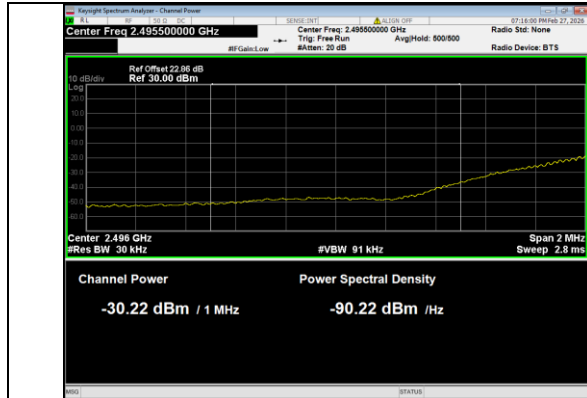
Conducted Band Edge
Band 41 50MHz/2664.99/High BPSK 128@0



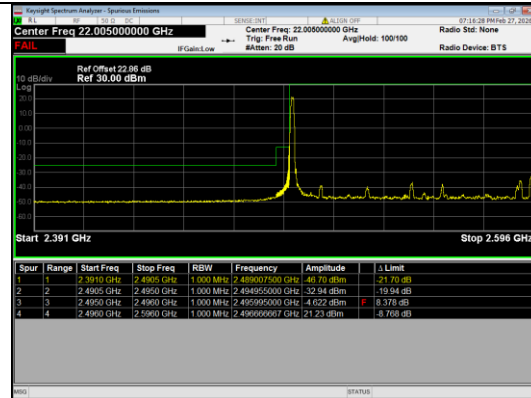
Conducted Band Edge
Band 41 50MHz/2664.99/High QPSK 128@0



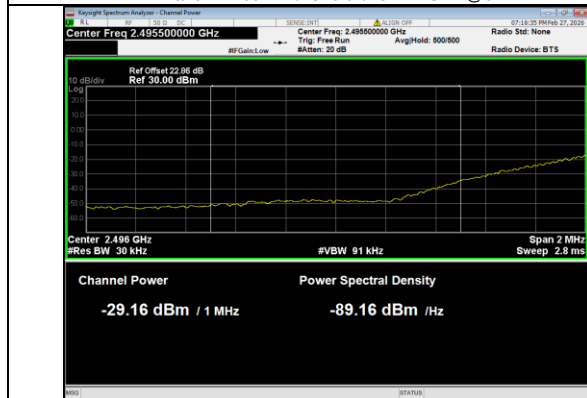
Conducted Band Edge
Band 41 100MHz/2546.01/Low BPSK 1@0



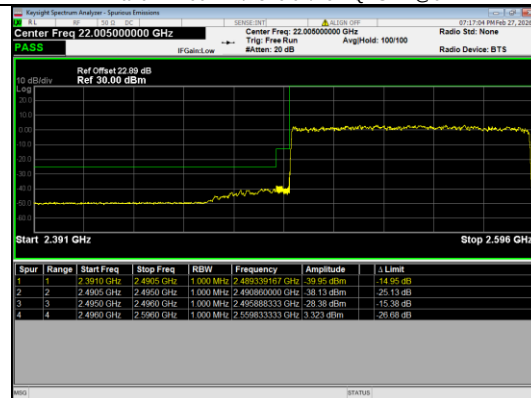
Conducted Band Edge CHP Range3 PASS
Band 41 100MHz/2546.01/Low BPSK 1@0



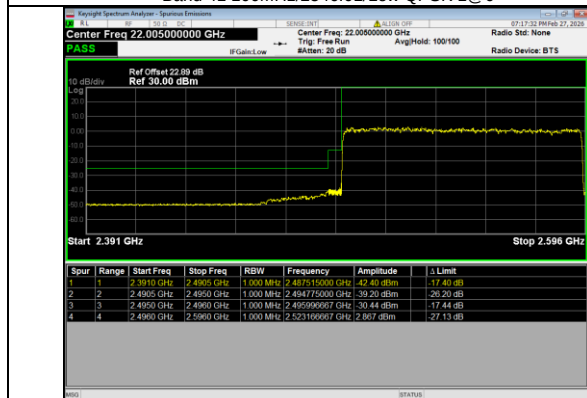
Conducted Band Edge
Band 41 100MHz/2546.01/Low QPSK 1@0



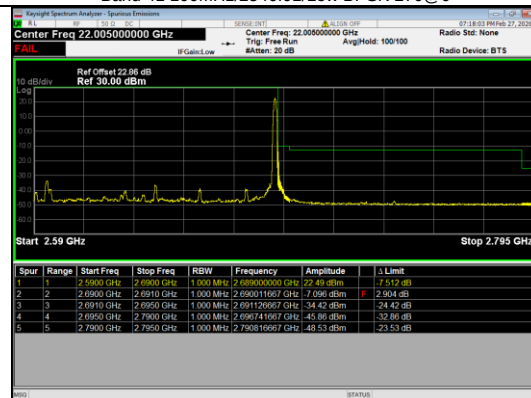
Conducted Band Edge CHP Range3 PASS
Band 41 100MHz/2546.01/Low QPSK 1@0



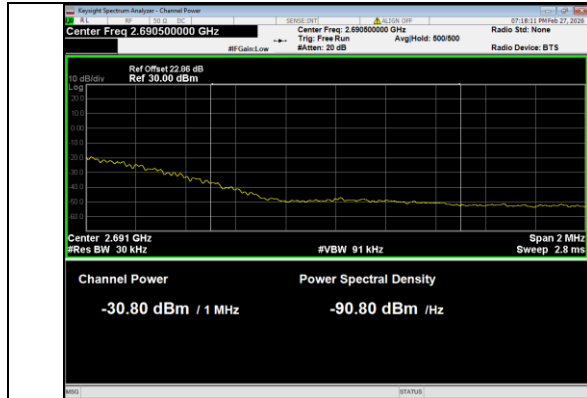
Conducted Band Edge
Band 41 100MHz/2546.01/Low BPSK 270@0



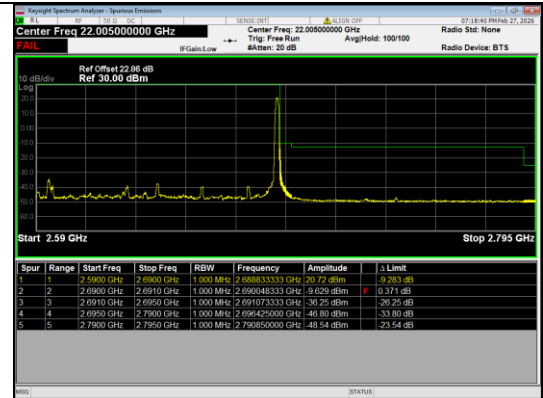
Conducted Band Edge
Band 41 100MHz/2546.01/Low QPSK 270@0



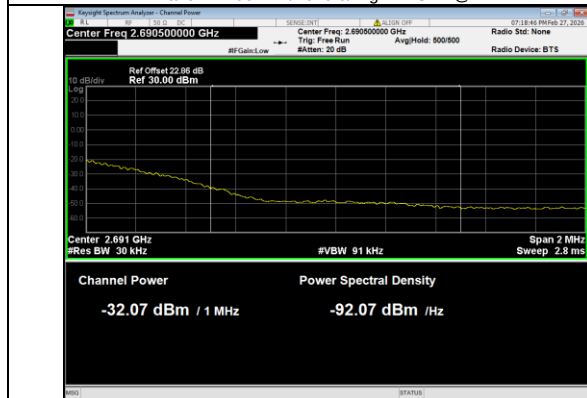
Conducted Band Edge
Band 41 100MHz/2640.0/High BPSK 1@272



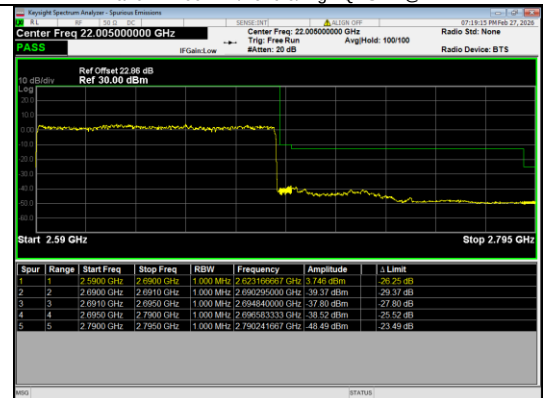
Conducted Band Edge CHP Range2 PASS
Band 41 100MHz/2640.0/High BPSK 1@272



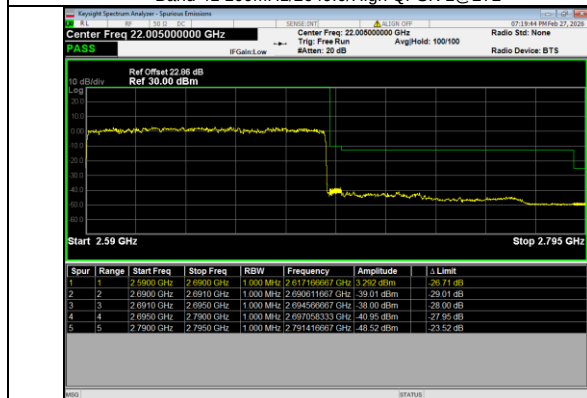
Conducted Band Edge
Band 41 100MHz/2640.0/High BPSK 1@272



Conducted Band Edge CHP Range2 PASS
Band 41 100MHz/2640.0/High QPSK 1@272



Conducted Band Edge
Band 41 100MHz/2640.0/High BPSK 270@0



Conducted Band Edge
Band 41 100MHz/2640.0/High QPSK 270@0



Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

Test Engineer :	Jake	Temperature :	21~25℃
		Relative Humidity :	51~53%

Note: Pre-scanned harmonic for the different antenna combinations, we choose the worst antenna mode to perform final test.

n7 SA / NR 50MHz / QPSK(ANT1)								
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	5022	-60.93	-25	-35.93	-71.14	3.03	13.24	H
	7542	-60.71	-25	-35.71	-70.16	3.56	13.01	H
	10048	-59.94	-25	-34.94	-69.46	3.92	13.44	H
	5022	-61.05	-25	-36.05	-71.26	3.03	13.24	V
	7542	-60.14	-25	-35.14	-69.59	3.56	13.01	V
	10048	-59.90	-25	-34.90	-69.42	3.92	13.44	V

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

n41 SA / NR 100MHz / QPSK(ANT4)								
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	5092	-61.61	-25	-36.61	-71.82	3.03	13.24	H
	7640	-60.88	-25	-35.88	-70.33	3.56	13.01	H
	10188	-59.17	-25	-34.17	-68.69	3.92	13.44	H
	12722	-55.29	-25	-30.29	-65.21	4.44	14.36	H
	5092	-61.66	-25	-36.66	-71.87	3.03	13.24	V
	7640	-60.59	-25	-35.59	-70.04	3.56	13.01	V
	10188	-59.61	-25	-34.61	-69.13	3.92	13.44	V
	12722	-53.81	-25	-28.81	-63.73	4.44	14.36	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+4)								
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	5092	-60.85	-25	-35.85	-71.06	3.03	13.24	H
	7640	-60.40	-25	-35.40	-69.85	3.56	13.01	H
	10188	-59.47	-25	-34.47	-68.99	3.92	13.44	H
	5092	-60.55	-25	-35.55	-70.76	3.03	13.24	V
	7640	-60.31	-25	-35.31	-69.76	3.56	13.01	V
	10192	-59.67	-25	-34.67	-69.19	3.92	13.44	V

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

EN-DC_66A_n7A / LTE 10MHz + NR 50MHz / QPSK (ANT0+4) / n7 PA Reference Designator								
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	5022	-56.89	-25	-31.89	-67.10	3.03	13.24	H
	7542	-59.60	-25	-34.60	-69.05	3.56	13.01	H
	10048	-59.24	-25	-34.24	-68.76	3.92	13.44	H
	5022	-60.56	-25	-35.56	-70.77	3.03	13.24	V
	7542	-59.54	-25	-34.54	-68.99	3.56	13.01	V
	10048	-58.16	-25	-33.16	-67.68	3.92	13.44	V

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